Task Group d
Report

September 13-17, 1999
Santa Rosa, CA
Presentations

• Extension of Frequency Hopping
  • Tbaum@ee.rochester.edu (Edward Titlebaum)

• Extension of Direct Sequence
Discussion of International Mobility

• Identified a set of parameters that can describe the channel allocation for FH, DS, HRDS, and OFDM PHYs.
  – Created a new information element to carry the data
  – Another element, or extensions to this element will be necessary for support of hop sequence distribution
Channel Allocation Element

- Regulatory identifier (2 octets)
- Lifetime (1 octet)
- Number of sub-elements (1 octet)
- Each sub-element contains
  - First channel center (2 octets)
  - Channel spacing (1 octet)
  - Number of channels (2 octets)
  - Occupied bandwidth per channel (1 octet)
  - Maximum transmitted power allowed (2 octets)
Other Topics

- Safe default operation until a channel allocation element is received (1 mW Tx power)
- IBSS operation is in safe default mode until a channel allocation element is heard
  - IBSS adopts channel allocation element heard from any(?) AP or other IBSS(?), lifetime is derivative from original element
  - Should IBSS allow user to set regulatory information?
- What happens if conflicting information is received in different channel allocation elements?
Worldwide 5GHz Requirements

- Presented by Richard Paine, Boeing
- WRC 2000 does not have 5GHz on the agenda
- Opportunity to get 5GHz on the WRC 2002 agenda is during 6 weeks immediately after WRC 2000.
- Request to have 802.11 send a letter to SG8 and/or WRC
Motion

- To have 802.11 send a letter to the US delegation of ITU SG8 and/or WRC supporting the global allocation of the 5GHz band for unlicensed use.
  - Passed unanimously