Attached is a presentation summarizing the status of activities within T1 relating to 802.11.
Liaison Statement from T1 to IEEE 802.11

Liaison from T1 to 802.11 - Agenda

- T1 overview
- T1E1 activities on wireless
- JTC with TIA TR 45.4
- Network interfaces
- Data capabilities

T1 committees

- TIA1: Performance
- T1E1: Network interfaces
- TIMI: Operations, administration, maintenance, and provisioning
T1 committees, cont.

- T1P1
  - Systems engineering,
  - standards planning,
  - and program management

- T1S1
  - Service architectures and signaling (SS7)

- T1X1
  - Digital hierarchy
  - and synchronization

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T1E1

- Works on user to public network interfaces
- Will develop a Wireless Access Interface in T1E1.9
- Will focus on the low power interface initially
- Interface with T1P1
  - Services to be supported
  - System objectives

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Liaison Statement from T1 to IEEE 802.11
TIA TR 45

- Develops standards in response to inputs from member organizations including
  - CTIA
  - Telocator
  - TI
- TR 45.4 has been formed to focus on PCS
- TR 45.4.4 has been formed to work on the air interface
- Composed of equipment manufacturers

JTC for developing low power interface

- T1E1.9 and TIA TR45.4.4 meet jointly
- Are developing alternative interfaces
- Presently there about 4 alternatives
- Are developing comparison criteria

Liaison Statement from T1 to IEEE 802.11
Network interfaces

Data capabilities

Liaison Statement from T1 to IEEE 802.11
Synchronous data service goals

- Synchronous data rates
  - Up to 14.4 Kbps for PSTN connections
  - Up to 64 Kbps or multiples of 64 Kbps for ISDN connections
- Transparent end to end service from wireless network through wired network

Urgency of the low power interface

- FCC and politically encouraging climate
- Interest by many segments of the US telecommunications industry
- Rapidly progressing work internationally

Liaison Statement from T1 to IEEE 802.11