
**IEEE P802.11
Wireless PANs**

**WPAN Call For Proposals, straw model proposals for Medium
Access Control and Physical Layers**

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Abstract

This document was originally -98/164 but as changed to the corrected -98/199. The following will describe a Call for Proposal (CFP) for the lower layers i.e., OSI RM MAC & PHY Layers of the Wireless Personal Area Network (WPAN).

Proposals are solicited from members of the WPAN Study Group, Academia, and Industry to provide a straw model for Medium Access Control and Physical layer solutions that are consistent with the WPAN Functional Requirements. The WPAN Technical Guidelines were discussed in our April 8-9, 1998 meeting in Cambridge, MA USA and appears in the list below:

WPAN Functional Requirements (Technical Guidelines)

1. Mobility: 0-10mph (hand-off not required to another PAN)
2. Range: 0-10 meters
3. Effective Data Rate at the MAC SAP: (19.2 - 100) kbit/s (actual 1 device to 1 device)
4. Should allow coexistence of multiple Wireless PAN's in the same area (20 within 400 square feet)
5. Should allow coexistence of multiple Wireless Systems i.e. P802.11 in the same area
6. Networking support for a minimum of 16 devices
7. Bridge or Gateway connectivity to other data networks

Please submit your proposals to the WPAN SG Chairman on or before the Irving, TX USA meeting which starts Tuesday, May 19, 1998:

IEEE 802.11 WPAN Study Group Meeting
Sheraton Grand Hotel
4440 West Carpenter Freeway
Irving, Texas 75063, USA
Tuesday, May 19, 1998, 1:30pm to Thursday May 21, 1998, 2:00pm

The intent of the Study Group is to review the proposals and decide what to include in the parallel WPAN Project Authorization Request; due June 4, 1998. All questions should be forwarded to the Chairman.