

[Modify this Extension Request](#)[Submit to NesCom](#)[Delete this Extension Request](#)[Print](#)**Extension Request for P802.15.5, Approved on 2004-03-25****Submitter Email:** bheile@ieee.org [Change Submitter Email](#)**PAR Expiration Date:** 2008-12-31**Number of Previous Extensions Requested:** 0 **Last Extension Approval Date:** 0000-00-00**Number of Years being requested:** 1**Sponsor:** IEEE Computer Society/Local and Metropolitan Area Networks(C/LM)**Chair:** Paul Nikolich

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Email: p.nikolich@ieee.org**Working Group:** Wireless Personal Area Network (WPAN) Working Group(C/LM/WG802.15)**Chair:** Robert F Heile

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Email: bheile@ieee.org [Reassign Working Group](#)**Title:** Recommended Practice for mesh topology capability in Wireless Personal Area Networks (WPANs)**Scope:** The scope is to provide a recommended practice to provide the architectural framework enabling WPAN devices to promote interoperable, stable, and scalable wireless mesh topologies and, if needed, to provide the amendment text to the current WPAN standards that is required to implement this recommended practice.**Purpose:** This project facilitates wireless mesh topologies optimized for IEEE 802.15 WPANs. Mesh Topologies provide:
-Extension of network coverage without increasing the transmit power or the receiver sensitivity
-Enhanced reliability via route redundancy
-Easier network configuration
-Better device battery life**Do the title, scope and purpose match that of the current draft?** Yes**Why is an extension required?** Work is in final stages of Working Group letter ballot. It has passed with a substantial margin and been recirculated once. Sponsor Ballot may begin as soon as Sept 2008 but may not begin until November 2008 depending on number of additional recirculations needed for unsatisfied NO's. Project completion and submission to RevCom is expected in March 2009.**Document Development Information:**

- What date did you begin writing the first draft? 2005-07-15
- How many people are actively working on the project? 25
- How many times a year does the working group meet:
 - In person? 6
 - Via teleconference? 12
- How many times a year is a draft circulated to the working group via electronic means? 6
- What percentage of the Draft is stable? 99%
- How many significant work revisions has the Draft been through? 2

Project Plan:

When will IEEE sponsor balloting begin? 2008-09-15

When do you estimate that the final IEEE Sponsor ballot will be completed? 2009-03-15

When do you expect to submit the proposed standard to RevCom? 2009-03-15

Adoption:

Will this document be adopted by another source? Do not know at this time

Explanation:[Submit to NesCom](#)[Save and Come Back Later](#)Contact the [NesCom Administrator](#)