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Extension Request for PAR 802.11n PAR, Approved on 2006-05-25(207654566.867)
Submitter Email: stuart@ok-brit.com

PAR Expiration Date: 2007-12-31

Number of Extention requested: 0 **Last Extention Approved Date:** 0000-00-00

Years of request: 2

Sponsor: IEEE Computer Society/Local and Metropolitan Area Networks (C/LM)

Chair: Paul Nikolich

Email: p.nikolich@ieee.org **Phone:** 857-205-0050

Working Group: Wireless LAN Working Group

Chair: Stuart J Kerry

Email: stuart@ok-brit.com **Phone:** 408-348-3171

Title: Standard for Information Technology-Telecommunications and information exchange between systems-Local and metropolitan area networks-Specific requirements-Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications Amendment : Enhancements for Higher Throughput

Scope: The scope of this project is to define an amendment that shall define standardized modifications to both the 802.11 physical layers (PHY) and the 802.11 Medium Access Control Layer (MAC) so that modes of operation can be enabled that are capable of much higher throughputs, with a maximum throughput of at least 100Mbps, as measured at the MAC data service access point (SAP).

Purpose: The purpose of the project is to improve the 802.11 wireless local area network (LAN) user experience by providing significantly higher throughput for current applications and to enable new applications and market segments.

Do the title, scope and purpose match that of the current draft? Yes

Why an Extension is Required? An extension is needed to complete the balloting and publication process on a document that is both large (~500 pages)and complex. Early project schedules underestimated the time required to reach consensus on an initial baseline. Substantial progress has been made in establishing stable draft text.

Letter Ballot #84 on Draft 1.0 (Closing date: March 11, 2006)

Letter ballot failed (Announced May 2)

432 eligible people in this ballot group

149: Approve

171: Do Not Approve

32 : Abstain

46.6% affirmative - MOTION FAILS

Letter Ballot #97 on Draft 2.0 (Closing date: April 11, 2007)

Letter ballot passed. (Announced March 12, 2007)

325 eligible people in this ballot group.

231: Approve

46 : Do Not Approve

28 : Abstain

83.4% affirmative - MOTION PASSES

Next Ballot on draft 3.0 will be WG recirculation with expected ballot start date Sept 2007.

Document Development Information:

- a. What date did you begin writing the first draft? 2006-01-20
- b. How many people are actively working on the project? 350
- c. How many times a year does the working group meet:
 1. In person? 6
 2. Via teleconference? 30
- d. How many times a year is a draft circulated to the working group via electronic means? 10
- e. What percentage of the Draft is stable? 90%
- f. How many significant work revisions has the Draft been through? 3

Project Plan:

When will IEEE sponsor balloting begin? 2008-01-22

When do you estimate that the final IEEE Sponsor ballot will be completed? 2008-07-01

When do you expect to submit the proposed standard to RevCom? 2008-08-01

Adoption:

Will this document be adopted by another source? Yes

Explanation: ISO

Contact the [NesCom Administrator](#)