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PAR Submittal ID Number: 203665488_9701_195129
Submittal Email: stuart@ok-brit.com
Type of Project: Amendment to an Existing Standard 802.11-1999
1.1 Project Number: P802.11z
1.2 Type of Document: Standard for
1.3 Life Cycle: Full
1.4 Is this project in ballot now? No
2.1 Title of Standard: 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: Extensions to Direct Link Setup(DLS)
3.1 Name of Working Group: Wireless LAN Working Group
Contact information for Working Group Chair Stuart J Kerry Email: stuart@ok-brit.com Phone: 408-474-7356
Contact Information for Working Group Vice Chair Email: Phone:
3.2 Sponsoring Society and Committee: IEEE Computer Society/Local and Metropolitan Area Networks (C/LM) Contact information for Sponsor Chair: Paul Nikolich Email: p.nikolich@ieee.org Phone: 857-205-0050 Contact information for Standards Representative: Email: Phone:
3.3 Joint Sponsor:/ () Contact information for Sponsor Chair: Email: Phone: Contact information for Standards Representative: Email: Phone:
4.1 Type of Ballot: Individual

4.2 Expected Date of Submission for Initial Sponsor Ballot: 2008-06	
4.3 Projected Completion Date for Submittal to RevCom: 2009-06	
5.1 Approximate number of people expected to work on this project: 50	
5.2 Scope of Proposed Standard: This amendment will create a new Direct Link Setup (DLS) mechanism to allow operation with non-DLS capable access points and allow stations with an active DLS session to enter power save mode. The scope is specifically limited to modifications related to the DLS mechanism.	Old Scope:
5.3 Is the completion of this standard is dependent upon the completion of another standard: No If yes, please explain:	
5.4 Purpose of Proposed Standard: The purposes of this amendment are to create a new DLS mechanism which: a) Does not require access point upgrades (i.e. supports DLS operation with the non-DLS capable access points), b) Which supports power save mode (when associated with either DLS or non-DLS capable access points), and c) Continues to allow operation of DLS in the presence of existing DLS capable access points.	Old Purpose:
5.5 Need for the Project: The lack of DLS capable access points is a key obstacle to the adoption of DLS. Furthermore, the current DLS mechanism does not support power save mode and it is important to find a power save mechanism that does not require access point upgrade. This amendment will create a new DLS mechanism, which will allow much wider adoption of DLS. This will be increasingly important as IEEE 802.11 is applied to new market applications, e.g. video streaming.	
5.6 Stakeholders for the Standard: Semiconductor manufacturers, network equipment manufacturers, consumer electronics and other product manufacturers and other users of IEEE 802.11 technologies.	
Intellectual Property	
6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes If yes, state date: 2007-01-17 If no, please explain: 6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No If yes, please explain: 6.1.c. Is the Sponsor aware of possible registration activity related to this project? No If yes, please explain:	

7.1 Are there other standards or projects with a similar scope? No If yes, please explain: and answer the following: Sponsor Organization: Project/Standard Number: Project/Standard Date: 0000-00-00 Project/Standard Title:
7.2 Future Adoptions Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization? No If Yes, the following questions must be answered: Technical Committee Name and Number: Other Organization Contact Information: Contact person: Contact Email address:
7.3 Will this project result in any health, safety, security, or environmental guidance that affects or applies to human health or safety? No If yes, please explain:
7.4 Additional Explanatory Notes: (Item Number and Explanation)
8.1 Sponsor Information: Is the scope of this project within the approved scope/definition of the Sponsor's Charter? Yes If no, please explain:

Contact the [NesCom Administrator](#)