

**This PAR has already been submitted to the NesCom Administrator on 11 April, 2007**

Close Window

Print

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

<b>4.2 Expected Date of Submission for Initial Sponsor Ballot:</b> 2008-06	
<b>4.3 Projected Completion Date for Submittal to RevCom:</b> 2009-06	
<b>5.1 Approximate number of people expected to work on this project:</b> 50	
<b>5.2 Scope of Proposed Standard:</b> 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.	<b>Old Scope:</b>
<b>5.3 Is the completion of this standard is dependent upon the completion of another standard:</b> No <b>If yes, please explain:</b>	
<b>5.4 Purpose of Proposed Standard:</b> 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.	<b>Old Purpose:</b>
<b>5.5 Need for the Project:</b> 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.	
<b>5.6 Stakeholders for the Standard:</b> Semiconductor manufacturers, network equipment manufacturers, consumer electronics and other product manufacturers and other users of IEEE 802.11 technologies.	
<b>Intellectual Property</b>	
<b>6.1.a.</b> 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:	
<b>6.1.b.</b> Is the Sponsor aware of any copyright permissions needed for this project? No If yes, please explain:	
<b>6.1.c.</b> 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](#)