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**IEEE P802.11**  
**Wireless LANs**

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**Proposed Rules changes**

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**Amend the IEEE 802 Five Criteria for Proposed Projects that include Wireless functions**

**<http://www.ieee802.org/rules.pdf>**

The existing criteria lack discussion of important regulatory and spectrum sharing issues.

We recommend adding a sixth criterion which would apply only to proposed projects that include wireless functions:

**6 Regulatory Conformity and Spectrum Sharing Feasibility**

For a wireless project to be authorized, it shall address regulatory conformity and show spectrum sharing feasibility for its intended applications.

At a minimum, the proposed project shall address:

- a) Conformance to existing regulations for proposed regulatory domains: ITU, regional, national, etc.
- b) Feasibility of coexistence with other IEEE 802 standards and projects, and other devices that share the spectrum
- c) Confidence that ongoing regulatory activity (e.g. FCC Notice Of Inquiry, Notice of Proposed Rule Making) will allow deployment of devices implementing the proposed standard

The rationale for the chosen text:  
the license exempt/unlicensed frequency bands provide present and future benefit to consumer and business application in the information age; various standards exist for unlicensed wireless communications, both within IEEE 802 and in other standards bodies; these bands are becoming crowded with users and will become more crowded; the spectrum for licensed exempt use is limited and is likely to remain limited in the foreseeable future; and that efficient sharing of the spectrum by devices conforming to different standards will benefit consumer and business users.