**PAR content**

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| **Submitter Email:** [max.riegel@ieee.org](mailto:max.riegel@ieee.org) **Type of Project:** New IEEE Standard  **1.1 Project Number:** <unassigned> **1.2 Type of Document:** Standard **1.3 Life Cycle:** Full Use  **2.1 Title:** ##enter text##  **3.1** **Working Group:** OmniRAN Study Group (C/LM/OmniRAN) **Contact Information for Working Group Chair**    **Name:** Maximilian Riegel    **Email Address:** max.riegel@ieee.org    **Phone:** +49 173 293 8240 **Contact Information for Working Group Vice-Chair** None  **3.2** **Sponsoring Society and Committee:** IEEE Computer Society/LAN/MAN Standards Committee (C/LM) **Contact Information for Sponsor Chair**    **Name:** Paul Nikolich    **Email Address:** [p.nikolich@ieee.org](mailto:p.nikolich%40ieee.org)    **Phone:** 857.205.0050 **Contact Information for Standards Representative**    **Name:** James Gilb    **Email Address:** [gilb@ieee.org](mailto:gilb%40ieee.org)    **Phone:** 858-229-4822  **4.1 Type of Ballot:** Individual **4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot:** ??/???? **4.3 Projected Completion Date for Submittal to RevCom:** ??/????  **5.1 Approximate number of people expected to be actively involved in the development of this project:** 40 **5.2 Scope:** ##enter text##  **5.3 Is the completion of this standard dependent upon the completion of another standard:** No **5.4 Purpose:** ##enter text##  **5.5 Need for the Project:** ##enter text##  **5.6 Stakeholders for the Standard:** ##enter text##  **Intellectual Property** **6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?:** No **6.1.b. Is the Sponsor aware of possible registration activity related to this project?:** No  **7.1 Are there other standards or projects with a similar scope?:** No **7.2 Joint Development**    **Is it the intent to develop this document jointly with another organization?:** No  **8.1 Additional Explanatory Notes (Item Number and Explanation):** ##enter text## |
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**10.5 Criteria for standards development (five criteria)**

Source: <http://www.ieee802.org/PNP/approved/IEEE_802_OM_v11.pdf>

**10.5.1 Broad market potential**

A standards project authorized by IEEE 802 LMSC shall have a broad market potential. Specifically, it shall have the potential for:

a) Broad sets of applicability.

b) Multiple vendors and numerous users.

**10.5.2 Compatibility**

IEEE 802 LMSC defines a family of standards. All standards should be in conformance : IEEE Std 802, IEEE 802.1D, and IEEE 802.1Q. If any variances in conformance emerge, they shall be thoroughly disclosed and reviewed with IEEE 802.1 WG. In order to demonstrate compatibility with this criterion, the Five Criteria statement must answer the following questions.

a) Does the PAR mandate that the standard shall comply with IEEE Std 802,

IEEE Std 802.1D and IEEE Std 802.1Q?

b) If not, how will the WG ensure that the resulting draft standard is compliant, or if not, receives appropriate review from the IEEE 802.1 WG?

**10.5.3 Distinct identity**

Each IEEE 802 LMSC standard shall have a distinct identity. To achieve this, each authorized project shall be:

c) Substantially different from other IEEE 802 LMSC standards.

d) One unique solution per problem (not two solutions to a problem).

e) Easy for the document reader to select the relevant specification.

**10.5.4 Technical feasibility**

For a project to be authorized, it shall be able to show its technical feasibility. At a minimum, the proposed project shall show:

a) Demonstrated system feasibility.

b) Proven technology, reasonable testing.

c) Confidence in reliability.

***10.5.4.1 Coexistence of IEEE 802 LMSC wireless standards specifying devices for unlicensed operation***

A WG proposing a wireless project is required to demonstrate coexistence through the preparation of a Coexistence Assurance (CA) document unless it is not applicable.

 The WG will create a CA document as part of the WG balloting process.

 If the WG elects not to create a CA document, it will explain to the Sponsor the reason the CA document is not applicable.

**10.5.5 Economic feasibility**

For a project to be authorized, it shall be able to show economic feasibility (so far as can reasonably be estimated) for its intended applications. At a minimum, the proposed project shall show:

a) Known cost factors, reliable data.

b) Reasonable cost for performance.

c) Consideration of installation costs.