IEEE P802.22  
Wireless RANs

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| Process Document for IEEE 802.22b | | | | |
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**1. Overview**

Abstract

This document presents the procedure that the IEEE 802.22b task group shall follow for contribution, proposal submission and selection.

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This is the process document for IEEE 802.22b task group. This document contains eight sections. The terms used throughout this document are first defined. Then the timeline for the task group is presented. Sections describing the necessity of system requirements and selection criteria follow next. Finally, the selection procedure is described followed by appropriate references.

**2. Definitions**

**Timeline:**

The timeline is the span of time the task group will be active with the mission of completing the standard by performing specific activities to reach specific milestones in predefined time intervels.

**Contribution:**

The contribution is a technical, informative or procedural material presented in the task group to assist members with information. Contributions are not considered for inclusion in the amendment standard to be developed.

**Proposals:**

The proposals are technical contributions in response to call for proposals with an objective to be included in the amendment standard to be developed. Prior the proposal submission date intent of submission shall be declared to the task group chair and vice chair(s) 30 days in advance. A proposal shall be available in mentor no later than 14 days in advance prior to its presentation. Two types of proposals will be considered:

**Full Proposals:**

A full proposal is a technical document that satisfies PAR, addresses all mandatory system requirements, and at least one selection criteria.

**Partial proposals:**

A partial proposal is a technical document that doesn't violate PAR, addresses any system requirement, and at least one selection criteria.

**3. Timeline**

It is expected that the task group followes a timeline as presentd in the following table I. Specifically the submission of proposals shall comply with the timeline as specified in the call for proposals. Contributions (technical, informative or procedural) can be submitted at any time provided that the chair of the task group has been informed in advance and a time slot has been assigned. All presented docuements shall be uploaded to mentor prior to presentations.

Table I: TGb Timeline

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 2012 | | | | | | 2013 | | | | | | 2014 | | | | | |
|  | 1 | 3 | 5 | 7 | 9 | 11 | 1 | 3 | 5 | 7 | 9 | 11 | 1 | 3 | 5 | 7 | 9 | 11 |
| Task Group formed  (Procedural discussion) | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| System Requirements | x | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Call for Proposals issued |  | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Selection Criteria |  | x | x | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Technical/Informative Contributions |  |  | x | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Proposal presentations 1 |  |  |  |  | x |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Proposal presentations 2 |  |  |  |  |  | x |  |  |  |  |  |  |  |  |  |  |  |  |
| Baseline proposal selected |  |  |  |  |  |  | x |  |  |  |  |  |  |  |  |  |  |  |
| Draft for 1st letter ballot |  |  |  |  |  |  |  | x | x |  |  |  |  |  |  |  |  |  |
| 1st letter ballot completed |  |  |  |  |  |  |  |  |  | x |  |  |  |  |  |  |  |  |
| Comment Resolution |  |  |  |  |  |  |  |  |  |  | x |  |  |  |  |  |  |  |
| 2nd letter ballot completed |  |  |  |  |  |  |  |  |  |  |  | x |  |  |  |  |  |  |
| Comment Resolution and recirculation |  |  |  |  |  |  |  |  |  |  |  |  | x |  |  |  |  |  |
| Sponsor ballot |  |  |  |  |  |  |  |  |  |  |  |  |  | x |  |  |  |  |
| Comment Resolution and recirculation |  |  |  |  |  |  |  |  |  |  |  |  |  |  | x | x |  |  |
| RevCom/NesCom Approval |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | x | x |

**4. System Requirements**

The IEEE 802.22b task group shall adopt a system requirements document that contains a set of mandatory and optional system features, behaviour or performance criteria aligned with PAR and 5C.

**5. Selection Criteria**

The IEEE 802.22b task group shall adopt a selection criteria document that contains a set of matrics and methods to compare the proposals.

**6. Selection Procedure**

A block diagram of the proposal selection procedure is shown in Fig. 1.

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Fig. 1: TGb proposal selection procedure.

**7. Changing the Process Doucument**

The process document can be changed at any time in the face-to-face meeting as long as 75% approval is obtained from the voting members.

**8. Reference**

1. IEEE 802.22 proposal downselection process: IEEE 802.22-06/27r0.

2. Down selection voting procedure for TG1: IEEE 802.22-06/64r0.