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| Re: | In response to Call For Contribution, IEEE 802.16j-06/001. | |
| Abstract | In this document, we propose a technical selection process and schedule for IEEE 802.16 TGj Document in the schedule agreed in the TGj PAR. | |
| Purpose | This contribution is proposed as a baseline for technical down selection and time schedule of TGj Process Document. | |
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Proposed Technical Selection Procedure for IEEE802.16 TGj

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1. Considerations

We had discussed multihop relay last four study group meetings as a Study Group. It was fruitful sessions to exchange ideans with the study group attendants. As the result, we had made the TGj PAR that represents SG member's consensus and it was approved by the EC at the last meeting. This PAR document becomes the start point of this new Task Group j.

One of the important issues on which we shall reach agreement is atechical selection procedure and schedule. A well-defined selection procedure is needed for success of TGj project

2. Proposed TGj Project Schedule

From the start of TG, we need to setup project schedule and procedure for technical proposal selection based on approved PAR. We have discussed scope, purpose, reason and schedule of TGj for last four sessions as Study Group and reached the agreement on these topics included in the TGj PAR. The PAR was approved by EC in March and the following schedule for Initial Sponsor Ballot and document submittal to RevCom dates are promised schedule in the PAR.

- Expected Date of Submission for Initial Sponsor Ballot : March 2007
- Projected Completion Date for Submittal to RevCom: September 2007

In order to complete Task Group in the given schedule, we propose a project schedule as listed in table 1.

Table 1. TGj Project Schedule

| Year | Month | Session # | Activities | |
|------|-------|-----------|---|-----------------------------------|
| 2006 | May | #43 | Begin Requirement, Selection Procedure and Usage Scenario document | |
| | July | #44 | Complete Requirement, Selection Procedure and Usage Scenario document | |
| | Sept. | #45 | Presentation and Selection | |
| | Nov | #46 | Presentation and finalization | |
| | | | | Drafting and release TGj document |

| | | | | |
|------|------|-----------|------------------------------|--|
| | Dec | | Begin 1st WG letter Ballot | |
| 2007 | Jan. | #47 | Comment Resolution | |
| | Feb | | Begin 2nd WG letter ballot | |
| | Mar. | #48 | Confirmation | |
| | | After #48 | Begin the 1st Sponsor ballot | |
| | May | #49 | Comment Resolution | |
| | June | | Begin Sponsor Recirculation | |
| | July | #50 | Confirmation | |
| | Aug. | | Submit to Rev.com | |
| | Sep. | #51 | SA Approval | |

As shown in the table, WG letter ballot is highly recommended to be completed until Feb. 2007 since the TG output RevCom submittal is scheduled in Aug 2007, the TGj document should be accomplished before #47 January meeting. Following the proposed schedule in table 1, TGj will have two sessions, September (#45) and November (#46) 2006, for down selection.

3. Proposed Technical Selection Procedure for TGj Document

TGj has two sessions for presentation and selection as the proposed schedule in table 1. In order to complete down selection within these two sessions we emphasize harmonization of proposals than one time selection by voting because a well harmonized document is more meaningful and mature for complete following sponsor ballots in a couple of sessions. Based on the schedule in table 1, we propose the selection procedure for TGj document. The following proposed considerations are basically aimed for #45 and #46 sessions in table 1.

3.1 Deadline of Contribution for each session

- **Proposals should be submitted before the deadline**

The deadline is recommended to be set earlier than one week in order to let members have enough time to review uploaded proposals before the meeting. These deadlines should be ruled strictly. In order to have enough time to review and harmonize among contributors, the deadline is recommended two weeks prior to each session. Only proposals submitted in time can make harmonization with others. Any late contributions should not be accepted, have presentation time at the meeting and not allowed to be harmonized with other proposals.

However, the contribution that is more harmonized with other proposal than previous version can be accepted after deadline

3.2 Scope of Contributions

- **Only the contributions being comprised of items in the scope of CFP(Call For Contribution) are allowed to be presented at the meeting**

The Scope of contributions for those sessions are limited to only proposals that want to be adopted in TGj document.

3.3. Intention Appeal

- **CFP includes Intention Appeal request prior to proposal submission**

The contributors should submit intention appeal table lists categorized technical items before actual proposal submission. Those can help to arrange meeting schedule for July meeting. The intention appeal table is written referring technical item table made at July meeting and this request should be included in Call for Proposal FP for .

3.4 Itemization of Technical Areas of Contribution

- **TOC(Table of Contents) and technical item list should be decided at July meeting so as to be referred in CFP**

Technical areas of contributions are itemized in a table and it should be included in CFP so that the contributors mark which contents they include in their proposals. This table would be useful to arrange meeting schedule prior to each session.

All the contributions should be submitted with Technical item intention table in the provided table in the CFP. The technical item intention table is summarized table that indicates which areas or chapters are included in this proposal.

3.5 Selection

- **At most two proposals for each technical item are selected at the selection meeting (#45)**
- **Only one proposal for each technical item is selected at finalization meeting (#46)**

The members vote on all the proposals for each technical item, and then two proposals are selected by voting. Final one proposal is selected between two proposals by voting at finalization meeting.

4. Two step approach

Since this TGj is approved only for developing multi hop enabling text amending exist IEEE 802.16 standard as addressed in the PAR, one time selection is not appropriate. It is recommended to down-select for each technical items amending IEEE 802.16. In order to achieve this goal and complete the project in time schedule, we proposed two step down selection approach

Down Selection (session #45)

- **After presentation of all proposals for one technical item (or for multiple close-related items), two high ranked proposals for each technical item are selected by voting**

The TGj highly recommends that the members are encouraged to review proposals prior to meetings. All the contributions arranged time slots to present their proposals. The presentation times should be arranged based on the amount of contents and areas in proposal and the presentation time includes Q&A should be same.

At the end of each presentation, voting should be made. Only two highest ranked proposals from all the presentation can proceed to next finalization step.

Harmonization (the weeks between session #45 and #46)

- **The two selected proposals may be revised with reflecting the comments at the previous meeting**
- **The two selected proposals may be harmonized**

The two proposals selected at the previous meeting are encouraged to be harmonized with conflicting proposals. It is desirable if the two proposals could make grand harmonization and merged into one proposal. The other proposals except selected two proposals can be harmonized with one of two selected proposals during harmonization weeks.

The harmonized contributions also should be submitted one week prior to finalization meeting and no late contributions are considered in the meeting. Only the contributions that are more harmonized could be allowed to be presented at the meeting.

Finalization (session #46)

- **The selected two proposals for each item have presentation**
- **One proposal for each technical item is selected by voting**

In this finalization meeting the members are also encouraged to review proposals before attend the meeting. After all the harmonized contributions are presented, one proposal for each technical item is selected by voting.

Only the harmonized contribution selected by voting can be drafted into TGj document

The flow of proposed procedure is drawn in figure 1

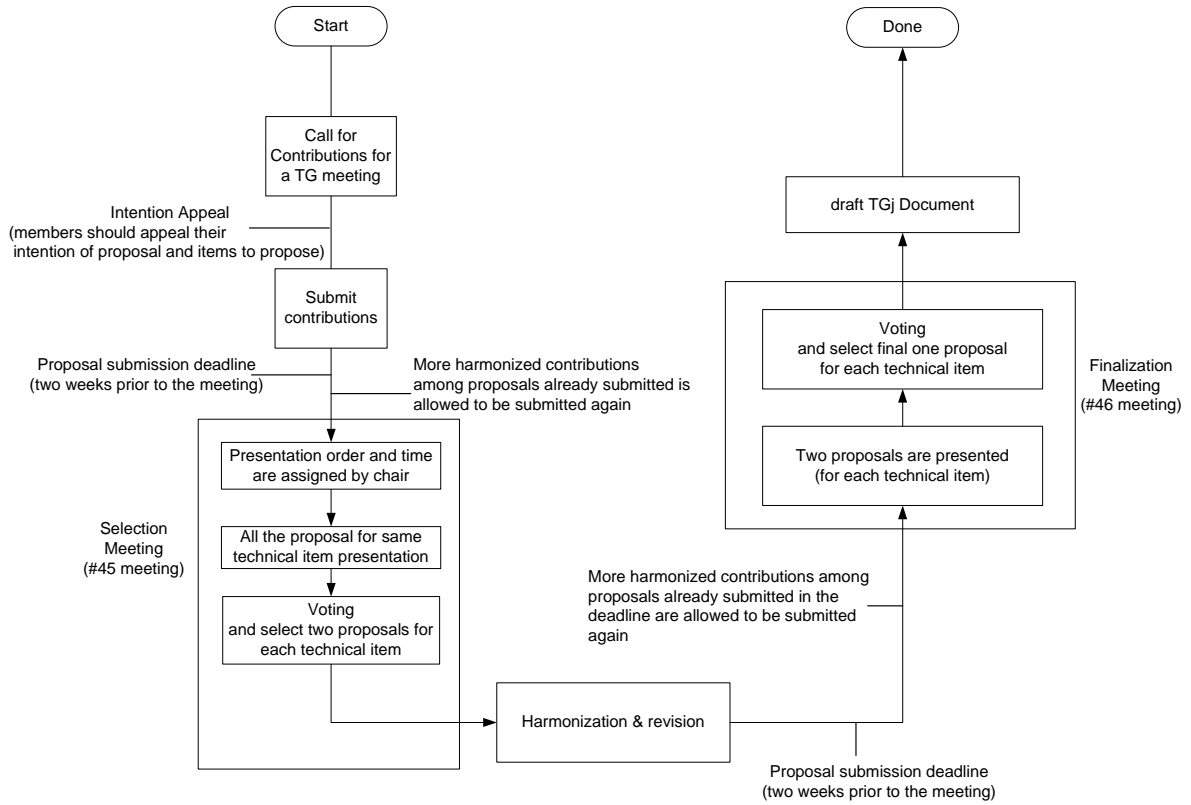


Figure 1. Proposed Selection Procedure flow