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| Project | **IEEE 802.21 Media Independent Handover Services:**  **Amendment 1: Extension for Supporting Handovers with Downlink Only**  **Technologies**  **<**[**http://www.ieee802.org/21/TGb**](http://www.ieee802.org/21/TGb)**>** | |
| Title | **IEEE 802.21 Working Group Letter Ballot #4c Recirculation Announcement** | |
| DCN | **21-11-0102-00-0000** | |
| Date Submitted | **June 20, 2011** | |
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| Re: | IEEE 802.21 WG Letter Ballot #4c Re-circulation for IEEE 802.21 Media Independent Handover Services:  Amendment 1: Extension for Supporting Handovers with Downlink Only Technologies | |
| Abstract | This document announces and details the procedure for IEEE 802.21 Letter Ballot #4c. | |
| Purpose | To document the process of Letter Ballot #4c Re-circulation | |
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**IEEE 802.21 Working Group Letter Ballot #4c**

**Re-circulation**

1. **Introduction**

This announcement opens IEEE 802.21 Letter Ballot #4c on the Motion:

**Motion: Should the IEEE P802.21b™/D04 be forwarded to Sponsor Ballot?**

**Document Title: “Draft Standard for Local and metropolitan area networks**

**Part 21: Media Independent Handover Services**

**Amendment 1: Extension for Supporting Handovers with Downlink Only**

**Technologies”**

Ballot opening Date: **June 20, 2011 at 23:59 (11:59PM) Eastern Time, USA**

Ballot closing date: **July 05, 2011 at 23:59 (11:59PM) AOE (Anywhere On Earth)**

1. **Relevant Documents**

The IEEE P802.21b™/D04 may be obtained from the private area of the 802.21 web site at:

<http://www.ieee802.org/21/private/802.21b/>

Please use your 802.21 voting member username/password to access the private area of the 802.21 web site.

The Commentary file required to submit comments may be downloaded from:

<http://www.ieee802.org/21/private/802.21b/>

1. **Procedure**
   1. **Results of Prior Ballot Rounds**

The results of Letter Ballot #4b are available at:

http://www.ieee802.org/21/letter\_ballots/LB\_04b/21-11-0069-00-0000-LB4b\_Result.xls

The ballot results stand at 24 Approve, 03 Disapprove, 02 Abstain, pending recirculation of changes to resolve the comments. The current approval ratio of 90.26 % meets the 75% minimum required for approval.

All comments received along with the resolutions developed by the 802.21b Task Group are available at:

https://mentor.ieee.org/802.21/dcn/11/21-11-0078-03-0sec-lb4b-comments.xls

* 1. **Previous Votes Carried Forward**

If you do not cast a ballot in this recirculation but did cast a previous ballot in Working Group Letter Ballot #4 or a recirculation of it, your previous vote will be carried forward. However if you continue to vote Disapprove you must submit at least one “Technical, Binding” comment as per section 3.6. If voters who have voted Disapprove before, do not submit any Technical Binding comments as part of this ballot, their vote would be considered as invalid and will NOT be included as part of this ballot.

* 1. **Scope of Ballot**

As is with usual recirculation, the scope of this recirculation ballot includes only the disposition of the outstanding Disapprove (“Technical, Binding”) comments and the changes to the draft as documented in the comment resolutions under review (along with implementation of those resolutions in the draft).

* 1. **Voting**

802.21 Voting members MUST send a vote via e-mail in the following format:

Insert in the subject field of the return e-mail:

Vote-LB-4c-last name-first name-(Approve, Disapprove, Abstain)

(for example: Vote-LB-4c-Smith-John-Abstain)

Please send your vote to: subir@research.telcordia.com

with a cc to: [JuanCarlos.Zuniga@InterDigital.com](mailto:JuanCarlos.Zuniga@InterDigital.com)

* 1. **Disapprove Votes**

Disapprove votes MUST include specific “Technical Binding” comments on what must be done to the draft to change the vote to “Approve”.

* 1. **To submit comments**

If you wish to submit comments (with or without a vote), please use the excel spreadsheet available in Commentary and use it to prepare your comments. The following fields need to be filled for every comment submitted:

- Document under Review: P802.21b™/D04

- Comment Submitted by (First Name, Last Name)

- Member Status (Voter, Observer, Other)

- Member Affiliation:

- Comment Date:

- Vote (Approve, Disapprove, Abstain)

- Comments (NOTE: Disapprove voters must include at least 1 Technical Binding comment)

- Clause Number

- Starting Page Number:

- Starting Line Number:

- Figure/Table Number (if applicable):

- Comment Type: Editorial or Technical (Technical Binding comments must include a Suggested Remedy)

-Comment Details:

- Suggested Remedy:

Please keep the explanation of comment separate from Suggested Remedy. All contributions should be in the form of an Excel file with the file name format as LB4c\_Lastname\_Firstname.

1. **WG Letter Ballot Process**
   1. **Criteria for Approval**

**4.1.1 50% Return Rate**

The ballot will not be considered successful if less than 50% of the ballot group members return a vote. If this return rate has not been achieved by the specified closing date, the ballot may be extended by the WG Chair. If extended, the ballot may however be closed immediately when 50% return rate has been reached.

**4.1.2 75% Approval Rate**

The ballot will not be considered successful unless approved by at least 75% of the ballot group members voting “Approve” or “Disapprove”.

**4.1.3 Comment Resolution**

The WG shall attempt to resolve all comments collected in the ballot process. All substantive technical changes, and all unresolved negative votes, together with the reasons of the negative voter shall be subjected to a recirculation ballot of at least fifteen days.

**4.1.4 Failed ballots**

If the approval rate is less than 75%, the Working Group shall nevertheless proceed with comment resolution and then may offer “Disapprove” voters the opportunity to change their vote to “Approve”. If this process results in a 75% or higher approval rate, the approval criteria outlined in 4.1.2 shall be considered met.

If this process fails to achieve 75% approval rate, a new draft shall be prepared in accordance with the comment resolutions. A new Working Group Letter Ballot of the resulting draft shall be initiated by a vote of the WG or at the discretion of the WG Chair.

* 1. **Ballot Group**

The ballot group for LB#4c applies is provided in . It includes the individuals who are members of IEEE 802.21 as of the start of the Letter Ballot. Except to remedy errors this membership list, the Ballot Group shall not change through the course of Letter Ballot #4, including its resulting recirculation ballots, *even as the WG membership changes*. That is once a draft has achieved at least 75% approval any and all re-circulations shall use the same ballot group as that ballot group when the draft first achieved at least 75% approval.

* 1. **Obligation of WG members to participate in Ballot**

The IEEE 802.21 Membership procedures which are in accordance with the IEEE Project 802 LMSC Operating Rules, specify that WG membership shall be lost if two consecutive, or two out of any three consecutive, WG Letter Ballots for which the member was eligible are not returned or are returned with an abstention other than for “lack of technical expertise”. Note that participation in the initial round of the ballot is required to fulfill this obligation and to assist the WG in meeting the 50% return rate requirement.

* 1. **Ballot Results**

The ballot results will be posted to the IEEE 802.21 web site.

Table 1: 802.21 Voting Members for Letter Ballot #4c

|  |  |  |
| --- | --- | --- |
| An Yoon Young  Chan Anthony  Chen Lidong  Cypher David  Chaplin Clint  Crowley Steven  Delgado Antonio De la Oliva  Das Subir  Feder, Peretz  Ftizgerald Chris  Gloger Reinhard | Gupta, Vivek  Henderson, G.S.  Jin, Lee  Jee, Junghoon  Jeon Hongseok  Khatibi Farrokh  Kim, Yongho (Ronny)  Lee, Sungjin  Lessmann Johannes  Liu Dapeng  Lynch Michael | Niephaus Christian  Park Changmin  Ohba, Yoshihiro  Rajkumar, Ajay  Randall Karen  Shantidev Mohanty  Simsek Burak  Singh Shubhranshu  Vidal Albert  Zuniga Juan Carlos |