 

IEEE P802.21 Media Independent Handover Services

Tentative Minutes of the IEEE P802.21 Working Group

Session #46 Meeting, Bangkok, Thailand

Chair: Subir Das

Vice Chair: Juan Carlos Zuniga

Secretary: H Anthony Chan

Editor: David Cypher

(Version: There are partial minutes current up to the time it is uploaded.)

# First Day PM1 (1:30PM-3:30PM): Lotus Suite 5; Monday, September 19, 2011

## 802.21 WG Opening Plenary: Meeting is called to order by Subir Das, Chair of IEEE 802.21WG at 1:35PM with opening notes (21-11-0154-00).

## Approval of the September 2011 Meeting Agenda (21-11-0147-00)

### It is changed to use Monday Evening for future planning tentatively.

### Agenda is amended to the following and is approved with unanimous consent.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Monday**  **(Sept 19)** | **Tuesday**  **(Sept 20)** | **Wednesday**  **(Sept 21)** | **Thursday**  **(Sept 22)** |
| **AM-1**  **8:00-10:00a** | NA | Comment resolution- 802.21a | Comment resolution- 802.21b | Comment resolution- 802.21a |
| **AM-2**  **10:30-12:30** | NA | SRHO TG | SRHO TG | Comment resolution- 802.21b |
| **PM-1**  **1:30 – 3:30p** | 802.21 WG Opening Plenary | Comment resolution- 802.21b | Comment resolution- 802.21a | SRHO TG |
| **PM-2**  **4:00 – 6:00p** | Comment resolution- 802.21a | Comment resolution- 802.21a | SRHO TG | 802.21 WG Closing Plenary |
| **Eve**  **6:30 – 7:30p** | Future Project Planning tentative | Future Project Planning | Social(TBD) |  |

## IEEE 802.21 Session #46 Opening Notes

### WG Officers

#### Chair: Subir Das

#### Vice Chair: Juan Carlos Zuniga

#### Secretary: Anthony Chan

#### Editor: David Cypher

#### 802.11 Liaison: Clint Chaplin

#### 802.16 Liaison: Peretz Feder

#### IETF Liaison: Yoshihiro Ohba

The WG has 27 voting members as of this meeting.

### Network information for the documents

#### SSID: CLLIEEE or someother IEEE password: ieeeieee

#### Document server: <https://mentor.ieee.org/802.21/documents>.

### Attendance and voting membership are presented.

#### Attendance is taken electronically ONLY at <https://seabass.ieee.org/imat>

#### Enter your personal information and profile

#### Mark attendance during every session

#### Total number of 802.21 WG sessions: 16

#### 12 sessions for 75% attendance to be counted towards WG voting membership.

#### All attendance records on the 802.21 website. Please check the attendance records for any errors

### Voting membership

#### 802.21 Voting membership is described in DCN 21-06-075-02-0000

#### Maintenance of Voting Membership

Two plenary sessions out of four consecutive plenary sessions on a moving window basis

One out of the two plenary session requirement could be substituted by an Interim session

#### WG Letter Ballots: Members are expected to vote on WG LBs. Failure to vote on 2 out of last 3 WG LBs could result in loss of voting rights

### Miscellaneous Meeting Logistics are presented.

#### Meeting room: Lotus Suite 5

#### AM Coffee break: 10:00-10:30 am

#### Lunch: 12.30 -1:30 pm

#### PM Coffee break: 3:30 - 4:00 pm

Breakfast Tuesday to Thursday 7-9AM

AM coffee break 10:00-10:30AM;

#### Wednesday night: Social at 7:00PM onwards

### Rules on registration and media recording policy are presented.

### Rules on Membership & Anti-Trust are presented

### Rules to inform about patents are presented as follows:





### Chair asked whether there are any potential essential patent claims by any 802.21 WG participants. None.



### Other guidelines for IEEE WG meetings, including discussions that are inappropriate are presented.



### LMSC Chair’s guidelines on commercialism at meeting are presented.

### Rules on copyright are presented. Note that the copyright procedures are being updated.

### Chair: How many people are attending the IEEE 802.21 WG meetings for the first time? Floor: counted 0

## Work status

### Working Group

#### Completed IEEE 802.21a and IEEE 802.21b ballots

### Task Group Status

#### 802.21a Security TG: work completed

#### 802.21b Handover with Broadcast Services TG; Work completed

#### 802.21c Single Radio Handovers: Proposals updated; Draft specification is underway

## IEEE 802.21a Sponsor Ballot Result

### SB started on August 2nd, 2011 and ended on August 31st, 2011

### Result announced on September 01, 2011

### Summary

#### Approve: 59

#### Disapprove: 03

#### Abstain: 03

#### Return ratio: 81 %

#### Approval ratio: 96%

### The ballot is approved

#### Received 93 comments of which 28 must be satisfied

## IEEE 802.21b Sponsor Ballot Result

### SB started on August 2nd, 2011 and ended on August 31st, 2011

### Result announced on September 01, 2011

### Summary

#### Approve: 57

#### Disapprove: 03

#### Abstain: 02

#### Return ratio: 82 %

#### Approval ratio: 95%

### The ballot is approved

#### Received 41 comments of which 19 must be satisfied

## Objectives for the September Meeting

### Working Group Activities

#### IEEE 802.21a: Security Extensions to MIH Services: Sponsor Ballot comment resolution by BRC

#### IEEE 802.21b: Handovers with Broadcast Services: Sponsor Ballot comment resolution by BRC

### Task Group Activities

#### 802.21c: Single Radio Handovers: Draft document discussion

### Future Project Planning Discussion

#### Tuesday evening

## Next session:

### Plenary: 7-10 Nov 2011, Atlanta, USA

#### Co-located with all 802 groups

## September Plenary Meeting Minutes (21-11-0121-04).

### Meeting minutes is approved with unanimous consent.

## 802 architecture update

### Nothing new.

## 802.21a BRC meeting agenda (21-11-0156-00) is presented by 802.21a BRC Chair, Yoshihiro Ohba

### Monday Sept 19 2011 PM2

#### Editorial and general comments.

### Tuesday Sept 20 2011 AM1 and PM2

#### Technical comments.

#### PM2: Discussion on Comment #26 (Y. Ohba’s comment on SFF support through sPoS), contribution DCN for detailed remedy to be announced

### Wednesday, September 21th, 2011, PM1

#### Technical comments

### Thursday, September 22th, 2011, AM1

#### Teleconference schedule, etc.

### The agenda is subject to change depending on the progress of comment resolution discussion

### Commentary file DCN: 21-11-148

### 802.21a BRC members

#### Ajay Rajkumar

#### Antonio de la Oliva

#### Anthony Chan

#### Clint Chaplin

#### Fernando Bernal-Hidalgo

#### Karen Randall

#### Lily Chen

#### Rafael Marin-Lopez

#### Subir Das

#### Yoshihiro Ohba (Lead)

## 802.21b BRC is presented by 802.21b BRC Chair, Juan Carlos Zuniga

### The received comments have been tentatively assessed.

### BRC has been formed.

## 802.21c Single radio handover task group agenda for this September Interim (21-11-0139-01) is presented by TG Chair, Junghoon Jee

### Proposal discussion

#### SFF operations augmented with UE location information, Charles Perkins (Tellabs)

#### Single Radio Handover proposal, Anthony Chan (Huawei)

#### 802.21c Draft Revision, Dapeng Liu (China Mobile): 21-11-0152-00-srho, 21-11-0153-00-srho

#### Command service for single radio handover, Dapeng Liu (China Mobile): 21-11-0151-00-srho

### Future Planning

### Time Schedule

#### Tuesday AM2

#### Wednesday AM2, PM2

#### Thursday PM1

## Meeting recess at 2:40PM

# First Day PM2 (4-6PM): Lotus Suite 5; Monday, September 19, 2011

## 802.21a comment resolution is led by Yoshihiro Ohba

## Comments are recorded in 21-11-0148-00

## Comment resolution are recorded in 21-11-0148-01

# First Day Eve (6:30-7:30PM): Lotus Suite 5; Monday, September 19, 2011

## Future planning discussion is chaired by Subir Das

## The slides from the future planning teleconference is briefed, and additional materials especially in use cases are requested.

## Agenda is amended into the following (21-11-0147-01)

|  |  |  |  |  |
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## Meeting recess at 7:53PM

# Second Day AM1 (8-10AM): Lotus Suite 5; Tuesday, September 20, 2011

## 802.21a comment resolution (21-11-0148-01) is led by Yoshihiro Ohba

## Comment resolutions are being recorded into the next version of 21-11-0148

## Meeting recess at 10 AM

# Second Day PM1 (1:30-3:30PM): Lotus Suite 5; Tuesday, September 20, 2011

## 802.21b comment resolution is led by Juan Carlos Zuniga

## There are 41 comments in the comment file (21-11-0149-00)

## Comment resolutions are recorded into the next version of 21-11-0149

# Second Day PM2 (4-6PM): Lotus Suite 5; Tuesday, September 20, 2011

## 802.21a comment resolution is led by Yoshihiro Ohba

## Comment resolutions are being recorded into the next version of 21-11-0148

## The suggested remedy for comment #26 (21-11-0157-02) is presented by Yoshihiro. This document, titled “Proactive pull key distribution through target POS,” introduces interaction between serving POS and target POS so that the serving POS may pass the existing key to the target POS to support the originating SFF to forward the keys to the target SFF. However it is argued that 802.21a does allow authentication by POS to generate media specific keys to different networks. It does not need to define a different network but does not make it specific on how to to leave the work to 802.21c.

# Second Day Evening (6:30-7:30PM): Lotus Suite 5; Tuesday, September 20, 2011

## Meeting from PM2 is extended beyond 6PM to start the evening session early.

## Comment resolution discussions are continued.

## As most comments have been discussed, the meeting recess early at 6:30PM.

## Comment resolutions are in 21-11-0148-02