 

IEEE P802.21 Media Independent Handover Services

Minutes of the IEEE P802.21 Working Group (DCN 21-13-0195-00-0000)

Session #58 Meeting, Nanjing, China

Chair: Subir Das

Vice Chair: H Anthony Chan

Editor: David Cypher

Secretary: Charles E. Perkins

# First Day PM1 (10:45am-12:30pm): ROOM 205; Monday, Sept. 16, 2013

## 802.21 WG Opening Plenary: Meeting is called to order by Subir Das, Chair of IEEE 802.21WG with opening notes (DCN: 21-13-0163-00-0000).

## Sept. 2013 Meeting Agenda (DCN: 21-13-0153-00-0000-session-58-agenda)

### Agenda bashing:

### Revised agenda (21-13-0153-02-0000) was approved without any objection.

#### 802.21m AM1 cancelled

#### 802.21d had five sessions

#### 802.21d moved to PM2

#### 802.21.1 moved to Thursday AM1

#### 802.21m moved from Thursday PM1 to Thursday AM2

#### New agenda was uploaded

## IEEE 802.21 Session #57 Opening Notes (DCN: 21-13-0161-00-0000)

### Attendance procedures

### Duty to inform, etc.

### Question on call for Intellectual Property declaration

#### No one declared any patent claims

### LMSC Chair’s Guidelines on Commercialism at meetings

### New member count = 0

### Most people attended Opening meeting and plenary session

### Students are attending this meeting , so there was a need to rearrange agenda to offer interesting presentations for the students

### Instructions about using local document server and attendance

### Discussion about very slow attendance logging

### Need to create spreadsheet for 802.21m issues (from David, etc.)

### Future meeting locations: Los Angeles / Beijing / Waikoloa / Manchester San Diego / Athens / San Antonio.

#### EC decided that every year there should be an international meeting

### Discussion about registration fee for March meeting in Beijing:

#### If sponsor can be found, registration fee will stay the same, otherwise it may increase

### Jan 2015, meeting will be held in Atlanta and all 802 WG groups will participate.

## Working Group Objectives for September meeting

### 802.21c: Single Radio Handovers

#### Sponsor Ballot Initiation

### 802.21d : Group Management

#### Developing Draft Specification

### 802.21m: Revision Project

#### Discuss the issues and document structure

### 802.21.1: Media Independent Services

#### Discuss the use cases and requirements

## Presented schedule for future IEEE 802 Wireless meetings – 2013 and 2014

## 802.21c agenda and update (DCN: 21-13-0123-01) from H Anthony Chan; presented by Vice chair Dapeng Liu

### Agenda: Complete comment resolution

### It is important to complete by Wednesday in order to avoid delay of Sponsor Ballet until November, 2013.

## 802.21d agenda and update (DCN: 21-13-0122-00) from Yoshihiro Ohba:

### 802.21d draft status & Issue (DCN 21-13-0113-00) discussion

## 802.21m agenda and discussion from Charlie Perkins

### No presentations submitted yet

### Agenda is not finalized. Current plan is to continue and finalize proposed Table of Contents

## 802.21.1 agenda and discussion from Subir Das

### Agenda has time for presentations of two use cases

## Should read operations manual and 5C update

## 802.21 future meetings discussion

# Day 4 PM1 (1:30pm-3:30pm): ROOM 205; Thursday, Sept. 19, 2013

## 802.21 WG Closing Plenary: Meeting is called to order at 1:37pm by Subir Das, Chair of IEEE 802.21WG (21-13-0184-00-0000).

## Session #57 minutes: 21-13-0164-02-0000-session-57-minutes-of-the-ieee-p802-21-working-group

### Minutes are approved after changes are accepted

## 802.11 liaison report (DCN 21-13-0187-00-0000) presented by Clint Chaplain

### Discussion of difference between comments received during Call for Comments versus during Letter Ballot

### the latter are required to be addressed

### EUHT <from JTC> is a Chinese National Standard.

## WG Motions voted and passed

Following motions are conducted

##### Move to authorize the P802.21d Editor to incorporate the resolution DCN 21-13-0113-19 into P802.21d/D02 (06/0/0)

##### Move to authorize the P802.21 WG Chair to initiate LB#7a re-circulation ballot on the question “Should P802.21d/D02 be forwarded to Sponsor Ballot” (06/0/0)

##### Move to authorize the P802.21d Ballot Resolution Committee (BRC) to resolve WG LB#7a comments and approve the related contributions via teleconferences (06/0/0)

## IETF liaison report – nothing to report, since no recent IETF meetings

## TGm 802.21-2008 Revision closing note (DCN 21-13-0186-00-REVP-tgm-report-and-agenda)

### Session: Thursday, AM2

### Progress so far

#### Initiated working group

#### Determined purpose of the document revision project.

#### Collected proposals for revised Table of Contents for the new document as a way to envision organization for the new document

#### Agreement to pull Handover commands out of base document into a major component of 802.21.1

#### Populated initial issues spreadsheet

### 802.11 base document was finally received from Lisa Perry, IEEE document support

### Agenda for September 2013

#### Sessions: Wednesday PM1

#### Thursday AM2 cancelled

#### Discuss problems with getting document source

#### Discuss 802.21m issues spreadsheet design and contents

#### See: DCN 21-13-0182-01-REVP

#### Thanks to Subir Das for taking minutes

#### See: DCN 21-13-0185-00-REVP

### Action Items

#### WG chair to follow-up with the IEEE-SA staff to obtain necessary document source files for 802.21-2008, 802.21a, and 802.21b specifications.

#### 802.21m document editor to go over the comment resolution documents of 802.21c and 802.21d and figure out what comments were not addressed due to the previous inability of modifying the base specification.

### Plan for next meeting

#### Get document source, begin editing process

#### Collect known issues for issues spreadsheet

#### Consider protocol mandates

## 802.21.1 closing note (DCN 21-13-0184-00-SAUC-september-closing-report)

### TG 802.21.1 had two sessions during his meeting

#### Tuesday, AM2, September 17, 2013

#### Thursday AM2, September 19, 2013

### There were four presentations on use cases

#### https://mentor.ieee.org/802.21/dcn/13/21-13-0173-00-SAUC-onf-wireless-mobility-use-case-proposal.pptx

#### https://mentor.ieee.org/802.21/dcn/13/21-13-0174-00-SAUC-interworking-service-architecture-and-requirements.ppt

#### https://mentor.ieee.org/802.21/dcn/13/21-13-0175-00-SAUC-mesh-multicast-enhancement.ppt

#### https://mentor.ieee.org/802.21/dcn/13/21-13-0160-00-SAUC-mih-service-use-cases-for-network-assisted-d2d-communication.pptx

### Teleconference: <none>

## TGd Multicast Management closing note (DCN 21-13-0180-01-MuGM-tgd-session-58-closing-note)

### LB7 comment resolutions

#### Resolved all comments

#### The resolution is described in 21-13-0113-19d

### Ballot Resolution Committee (BRC) appointed

#### Toru Kambayashi

#### Antonio de la Oliva

#### Yoshikazu Hanatani

#### Lily Chen

#### Karen Randall

#### Subir Das

#### Yoshihiro Ohba

#### Charles E. Perkins

### WG motions

##### Move to authorize the P802.21d Editor to incorporate the resolution DCN 21-13-0113-19 into P802.21d/D02

##### Move to authorize the P802.21 WG Chair to initiate LB#7a re-circulation ballot on the question “Should P802.21d/D02 be forwarded to Sponsor Ballot”

##### Move to authorize the P802.21d Ballot Resolution Committee (BRC) to resolve WG LB#7a comments and approve the related contributions via teleconferences

### Teleconference schedule

##### 802.21d: October 30 (Wed) 8am-10am ET

### Next Step

#### Start a 21-day Recirculation Ballot LB7a starting on September 30 and ending on October 20

## TGc Single Radio Handovers closing note (DCN 21-13-0181-01-srho-ieee-802-21c-tg-sept-2013-report)

### One Session: Wed AM1.

### Progress so far

#### August 2013

#### WG ballot recirculation on: IEEE P802.21c/D05 from July 26 to August 10, 2013

#### 18 approve, 0 disapprove, and 4 abstain. Result: approved.

#### 29 comments: 26 editorial, 3 technical

#### All comments are resolved.

#### WG ballot recirculation on: IEEE P802.21c/D06 from August 16 to August 31, 2013

#### 18 approve, 0 disapprove, and 4 abstain. Result: approved.

### Approval of Minutes of July 2013 802.21c TG Meeting (DCN#21-13-0144-01-srho)

### Approval of TGc August 13 Teleconference Minutes (DCN#21-13-0151-01-srho)

### Plan for Sponsor Ballot and subsequent comments resolution

### Teleconference schedule -- none

## Discussion about venue

### Network speed problems

### Network content access problem

### Problem with smoking room

### Problem with food service (e.g., coffee cups)

### Mosquitos

# Future Sessions

* **Plenary: 10-15 Nov 2013, Hyatt Regency Reunion, Dallas, TX, USA**
  + Co-located with all 802 groups
* **Interim: 19-24 January, 2014, Century Plaza, Los Angeles, CA, USA**
  + Co-located with all wireless groups
* **Plenary: 16-21 March, 2014, TBD (Non-American Venue)** 
  + Co-located with all 802 groups
* **Interim: 11-16 May 2014, Hilton Waikoloa Village, HI**
  + Co-located with all wireless groups
* **Plenary: 13-18, July 2014, Manchester Grand Hyatt, San Diego, CA, USA** 
  + Co-located with all 802 groups
* **Interim: 14-19, September 2014, TBD (Athens likely)** 
  + Co-located with all 802 wireless groups
* **Plenary: 2-7 Nov 2014, Grand Hyatt, San Antonio, TX, USA**
  + Co-located with all 802 groups

# Attendance

|  |  |
| --- | --- |
| Chaplin Clint | Samsung Electronics |
| Das Subir | Applied Communication Sciences |
| KAMBAYASHI TORU | Toshiba Corporation |
| Hyunho Park | ETRI, Korea |
| Lee Hyeong Ho | ETRI, Korea |
| Yoshikazu Hanatani | Toshiba Corporation |
| Ohba Yoshihiro | TOSHIBA Corporation |
| Perkins Charles | Futurewei Technologies |
| Liu Dapeng | China Mobile |

# The meeting was adjourned at 3:20pm

 

Minutes of 802.21c Task Group Meeting

Session #58 in Nanjing, China

Chair: H Anthony Chan

Vice Chair: Dapeng Liu

Technical Editor: Charles Perkins

Secretary: Hyunho Park

# Meeting Minutes of the IEEE P802.21c Single Radio Handover Task Group in September 2013 Interim (DCN 21-13-0188-00)

## DAY3 AM1 (8:30AM-10:00AM): ROOM 205; WEDNESDAY, SEPTEMBER 18, 2013

## Meeting was called to order by Dapeng Liu, vice chair of TGc, with agenda (DCN# 21-13-0176-00).

## Vice chair reported WG ballot recirculation on IEEE P802.21c/D06 was approved.

## “Minutes of July 2013 802.21c TG meeting” (DCN# 21-12-0144-00) and “August 13 teleconference minutes” (DCN# 21-12-0151-00-srho) were discussed.

### Charles E. Perkins, editor of TGc helped update of the meeting minutes.

### Updated minutes, “Minutes of July 2013 802.21c TG meeting” (DCN# 21-12-0144-01-srho) and “August 13 teleconference minutes” (DCN# 21-12-0151-01-srho), were with unanimous consent.

## Plan for Sponsor Ballot and subsequent comments resolution were discussed.

### Vice chair summarized WG ballot #6.

### Teleconference schedule was canceled because Sponsor Ballot will be finished on November 11th.

### Requirements and procedure for sponsor ballot were introduced by Subir Das, Working Group chair.

## The meeting adjourned at 10:00 AM

 

## 

Meeting Minutes of the IEEE P802.21d Group Management Task Group

Chair: Yoshihiro Ohba

Editor: Antonio de la Oliva

# Meeting Minutes of the IEEE P802.21d Group Management Task Group

## Monday, PM2 Meeting, September 16, 2013

### Meeting called to order by Chair at 4:05PM

Call for volunteer to take minutes. Subir Das has agreed to take the minutes.

### Meeting Agenda (21-13-0165-01-00) is presented by the Chair

The IEEE 802.21d task group is scheduled to meet Monday PM2, Tuesday Pm1 and PM2, Wednesday, AM2 & PM2. The agenda was approved with no objections.

### Meeting Minutes Approval

The following meeting minutes are approved with no objections.

* DCN 21-13-0164r0 -00 (July meeting minutes)
* DCN 21-13-0148r0-00 ( Aug 06, 2013 teleconference minutes)
* DCN 21-13-154r0-00 (Aug 21 , 2013 teleconference minutes)
* DCN 21-13-156r0-00 (Aug 28 , 2013 teleconference minutes)

### Opening Notes (21-13-0166-00) is presented by the Chair

Slides #1-#4 shown, Note Well, Duty to Inform

Call for essential patents (No one responds)

New TGd Schedule is presented.

Letter Ballot comments brief summary:

* Number of Comments: 255
  + 11 comments left: They are
    - #44, #147, #150, #159, #172,
    - #184, #189, #196, #241, #242, #251
  + All comments are related to Section 9.4

Work plan for the week:

* Monday PM2, Tuesday PM1, Wednesday AM2, PM2, Thursday AM1
  + LB7 comment resolution
* Documents (in member-only site)
  + 802.21d D01.01 is the latest snapshot

Latest commentary file: DCN 113r15

### 802.21d Comment Resolution

Comments resolution started by the Chair

DCN 21-13-0167-01-MuGM is discussed against Comment #44. Detailed explanation of supporting one mandatory cipher suite is explained by Yoshikazu Hanatani. Document is approved.

DCN 21-13-169-00-MuGM is discussed against comment #150. Yoshikazu Hanatani and Toru Kambayashi explained the rational for the updates and the solution. After discussions and clarifications, document is approved.

DCN 21-13-0168-00-MuGM is discussed against comments #196. Yoshikazu Hanatani presented the document. Contribution #168 is approved.

A draft flow chart is presented by Antonio and being discussed. Some feedbacks were provided and Antonio will update the flow chart accordingly.

Comment #186 is revisited. Editor suggested clarifying the padding related text. Toru Kambayashi has agreed to provide the updated text.

## Recess at : 5:30 PM

Chair announced that Tuesday PM1 meeting will start at 2:00PM instead of 1:30 PM

## Second Day PM1 Meeting: Tuesday, Sept 17

### Meeting called to order by Chair at 2:15PM

Chair mentioned that several contributions are uploaded after yesterday.

Comments related to Section 9.4 are discussed in DCN 21-13-0177-00-MuGM.

It was mentioned that service specific TLV has changed to User Specific TLV. However Chair clarified that in the base specification service specific TLVs are there.

It was identified that section numbers are not correct and inconsistency with the terminologies. Toru Kambayashi will update the document and submit another version.

Flow chart will be modified by Antonio.

DCN 21-13-0171-00-MuGM is discussed against #173. ‘Signature’ Data Type is updated to include the certificate serial number and signature data. Updated text is agreed.

DCN 21-13-0172-01-MuGM is discussed against #172. The contribution is accepted. Editor will update the flow chart based on discussion. SAID part is already covered by contribution DCN 21-13-0177-00-MuGM.

DCN 21-13-0177-00-MuGM is discussed against #184. Proposed resolution in Section 9.4.2.1 is accepted.

DCN 21-13 -0179-00 MuGM is discussed against comment #159. Suggested text is accepted.

Editor will merge this document with DCN 21-13-0177.

## Break at 2:45 pm

### Meeting called to order by Chair at 4:15PM

DCN 21-13-177-00-MuGM is discussed against #241. Some comments were provided, for example, update the figure, and add a brief description on encapsulation. The document will be updated and a revised version will be posted as DCN 21-13-177-01. Toru Kambayashi will update the document and submit the version.

DCN 21-13-177-00-MuGM is discussed against #242. The proposed text is accepted. Toru Kambayashi will update the document and submit the version DCN 21-13-177-02-MuGM

DCN 21-13-178-00-MuGM is discussed against #251. The flow chart was discussed and accepted.

Editor l incorporates this in the draft.

DCN 21-13-177-00-MuGM is discussed against #189. Editor will address this comment.

DCN 21-13-178-00-MuGM is discussed against #147. The comment is superseded by #241.

Comment #186 is discussed again and the suggested remedy was accepted. Toru Kanbayashi will reflect this in DCN 21-13-0177-02.

## Recess at : 5:30 PM

## Third Day AM2 Meeting: Wednesday, Sept 18

### Meeting called to order by Chair at 10:30 AM

DCN 21-13-177-05-MuGM was discussed again to make sure that comments #184, #186, #241, #242 are addressed properly. Suggested texts were discussed in details and some minor comments were provided. Comments were reflected and version-06 is uploaded and accepted by the group.

All comments are thereby resolved. Chair uploaded DCN 21-13-0113-19 with all comment s and resolutions. The comment resolution file was accepted.

### Closing Note by Chair

TG closing note is captured in DCN 21-13-0180-01-MuGM .

The following two motions were mentioned that Chair intends to bring during WG closing plenary taken.

Motion #1:

Moved by: Yoshihiro Ohba

* Seconded by:
* Yes: No: Abstain:
* Result: Motion

Motion #2:

Moved by: Yoshihiro Ohba

* Seconded by:
* Yes: No: Abstain:
* Result: Motion

Teleconference schedule was discussed. The group agreed on the following tentative schedule.

October 30, 8-10 am, US ET, 2013

## The meeting was adjourned at 12:00 noon

 

IEEE P802.21m Revision Project Group

Chair: Charlie Perkins

Minutes: Subir Das (DCN: 21-13-0185-00)

# WEDNESDAY, PM1 MEETING, SEPTEMBER 18, 2013

## The chair called to order Meeting called to order by Chair at 1:45PM

## Meeting Agenda (21-13-0170-01-00) is presented by the Chair

## The IEEE 802.21m task group is scheduled to meet on Wednesday PM1 and Thursday AM2.

## The agenda was approved with no objections.

## Chair mentioned that he has not received IEEE 802.21-2009 version in MS WORD from IEEE-SA stuff.

## This is an important step that needs to happen. WG chair indicated that he will follow-up with the IEEE-SA staff on this matter.

## DCN-21-13-0182-01-REVP has been created to list the issues that are identified so far.

## Action item: To go over the comment resolution documents of 802.21c and 802.21d and figure out what comments were not addressed due to the previous inability of modifying the base specification.

## Meeting adjourned at 2:30pm

 

## 

Meeting Minutes of the IEEE P802.21.1 Services and Use Cases

Chair: Subir Das

Editor:

# Meeting Minutes of the IEEE P802.21.1 Services and Use Cases

## Tuesday, AM2 Meeting, September 16, 2013 Meeting called to order by Chair at 10:30AM

### Meeting Agenda (DCN-21-13-0163-00) is presented by the Chair

### The IEEE 802.21.1 task group is scheduled to meet on Tuesday AM2 and Thursday AM1.

### The agenda was approved with no objections.

### Charlie E. Perkins presented IEEE 802.21 and ONF Wireless and Mobility project proposal (DCN 21-13-0173-00) and explained the use case of MIH with OpenFlow mobility. There were enough interests and support with continuing the work and members requested Charlie to lead the work as liaison between 802.21 and ONF. Charlie has agreed to take the role and he will inform the WG more about the progress on this.

### Yoshihiro Ohba presented two use cases:

### Interworking Service Architecture and Requirements (DCN 21-13-0174-00) for Heterogeneous Networking Use Case. Discussion took place relating to relay and gateway behaviors. Yoshi was encouraged to continue working on this and come up with a document describing the detailed requirements and feature set

### Mesh Multicast Enhancement (DCN 21-13-0175-00) for AMI networks. The scenario was clear although some additional problem motivations need to be clarified. Authors were encouraged to present an extended version during the next meeting.

## SECOND DAY AM2 MEETING: THURSDAY, SEPT 19

### Meeting called to order by Chair at 10:30 am. It was noted that in version-02 meeting agenda the session has moved from AM1 to AM2.

### Hyunho Park presented MIH Service Use Cases for Network-Assisted D2D Communication use case (DCN 21-13-0160-00). There were some discussions on this use case. It was suggested to have the use case geared towards 802 technologies rather than tying up with the 3GPP networks. Authors have agreed with the suggestions and they present the use cases in November plenary meeting.