 

IEEE P802.21 Media Independent Handover Services

Minutes of the IEEE P802.21 Working Group (DCN 21-14-0133-00-0000)

Session #63 Meeting, San Diego, CA, USA

Chair: Subir Das

Vice Chair: Hyeong-Ho Lee

# First Day PM1 (1:30pm-3:30pm): Room Santorini 6 ; September 15, 2014

## 802.21 WG Opening Plenary: Meeting is called to order at 1:36pm by Subir Das, Chair of IEEE 802.21WG with opening notes (DCN: 21-14-0136-00-0000)

## July, 2014 Meeting Agenda (DCN: 21-14-0132-00-0000-session-63-agenda)

### 802.24 TAG – new area Smart Grid 802.24.1 Smart Grid Use Case document / IoT. TAG scope has been modified. Two more subgroups may be formed.

### 802.21d starts on Thursday because of closing date of sponsor ballot

### 802.21m has three sessions

### 802.21.1 has three sessions

### 802.15 TG9 Key Management in Patmos / 802.21 credit

### WNG in Terpsichore / 802.21 credit

### Agenda bashing:

#### Agenda (DCN: 21-14-0132-00-0000) was approved with modification for 802.24 TAG without any objection.

## IEEE 802.21 Session #64 Opening Notes (21-14-0136-00-0000)

### Meeting logistics: all meetings in Room Santorini 6

### Meeting Logistics: Room Internet is NOT complimentary

### <http://mentor.ieee.org/802.21/documents>

### Attendance procedures, logistics, breaks

### Duty to inform slides 1-4, etc.

### Social is a paid event $95 – meet at hotel foyer at 5:20pm Wednesday

### Request to make Intellectual Property declaration

#### No one declared any patent claims

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

### Copyright of all material owned by IEEE

### Discussion about sponsorship discussion at EC; member poll

#### Should get sponsors to help make a better network

## Working Group Status

### 802.21d : Group Management

* + - Completed WG Letter Ballot recirculation (#7d) on July 05, 2014

### Result announced on July 6, 2014

### http://www.ieee802.org/21/ballot\_7.html

### 19 ballots / 21 members. Return ratio 90.00%

### 17 approve / 00 disapprove / 02 abstain. Approval rate = 100%

### 802.21m: Revision Project

#### Opening Note: 21-14-0140-00-REVP-802-21m-session-64-OpeningNotes

#### Working on the document structure and existing issues

#### Leadership discussion

### 802.21.1: Media Independent Services

#### Opening Note: 21-14-0118-00-SAUC-802-21.1-OpeningNote

* + - * + Completed WG Letter Ballot recirculation (#7d) on July 05, 2014

## November IEEE 802 Plenary meeting logistics

### November 2-7, 2014, San Antonio, Texas USA

### Meeting is hosted by Face-to-Face Events

### Meeting Information: <https://ei.eventinfotech.com.au/ei/rs.esp?id=1231&scriptid=HOME>

### REGISTRATION INFORMATION:

#### Early Registration Deadline Before 23 July 2014 : US $850.00

#### Standard Registration Deadline Before 27 August 2014: US $ 1100

#### Late Registration Deadline After 27 August 2014: US $ 1350

### HOTEL RESERVATIONS:

### All delegates are required to pre-register for the Meeting. Please ensure to refer to the schedule and deadlines below. All amounts are quoted in US dollars. IMPORTANT: to qualify for the discounted registration rate, you will need your Hilton Athens confirmation number. If you have not already done so please book your accommodation first. A minimum stay of 3 nights is required for the discount.

## Session #63 minutes (21-14-0133-00-0000) were approved without objection

### If any later corrections please notify Subir or Charlie

## 802.21d Opening Notes and discussion (21-14-0137-00-0000)

* + - * + Document 21-14-0117-00-MuGM-802-21d Opening Notes
				+ Discussion about comment #2 in document #110
				+ Prepare for Sponsor ballot

## 802.21m Opening Notes and discussion (21-14-0140-00-0000)

#### Discuss the document structure and issues

#### Need for leadership transition

## 802.21.1 Opening Notes and discussion (21-14-0138-00-0000)

#### Three sessions are scheduled

#### SLMCP use case, Peter Jeong (DCN 21-14-134-00)

#### Proposed Table of Contents for IEEE 802.21.1 by Hyeong Hoe Lee (DCN 21-014-113-00-SAUC)

#### More ITS discussion is needed. Discussion is starting in 802.24. March tutorial on 802.24.

## Rule Change and Operational Manual and CSD update

## July 2014 EC meeting update – privacy study group formed

### Joint meeting with IETF on September 29 (Monday)

### Will request J-C. to make an update to 802.21

### Next Generation WiFi has been approved 802.21ax

### 802.16 work and documents are not yet be transferred to 802.15; Roger re-elected

## OmniRAN discussion

## EC Sunday afternoon meeting will be cleaned up, meeting notes taken, etc. Wireless Chairs Committee WCC. Stephen McCann is notes-taker

## Meeting adjourned at 3:02pm

# Day 4 PM2 (4:00pm-6:00pm): Room Santorini 6; Thursday, September 18, 2014

## 802.21 WG Closing Plenary: Meeting is called to order by Subir Das, Chair of IEEE 802.21 WG (21-14-01XX-00-0000-session-64-closing-plenary).

## IETF liaison report

## Discussion about P802.21d Ballot Result

### Draft History & Statistics (mandatory editorial comments, etc.)

### Draft to be submitted for MEC review (DCN 14-0129-900-0000)

### Sponsor Ballot starts on August 17

## Motions presented for WG vote

### Motion to P802.21d BRC …: moved by Yoshi, Seconded by Clint (5/0/0)

### Motion to authorize 802.21d …: moved by Yoshi, Seconded by Clint (5/0/0)

### Motion to P802.21d be … (CSD = Criteria for Standards Development) Moved by Yoshi, Seconded by Clint (5/0/0)

## Teleconference schedule

## TGm 802.21-2008 Revision closing note (21-14-0129-00-REVP-802-21m-session-63-closing-report)

### Progress in meetings prior to Session #64

##### Initiated working group, determined purpose of the document revision project.

##### Updated base 802.21m document with numerous improvements and repairs to tables and lists.

### Progress since San Diego Session #63

##### Updated base 802.21m document specification according to recent action items

##### Issues added to spreadsheet based on problems encountered during document update.

### Agenda for July 2014

#### Three sessions: **Tuesday PM1** and **Thursday AM1, PM1**

#### Review 802.21m charter and mission, previous decisions, work plans

#### Review action items

#### Review base document modifications for acceptance / rejection

#### Determine needs for further editorial staff help with figure creation and modification, document progress

#### Describe function and revisions for figure modification spreadsheet, etc.

#### Minutes: DCN 21-14-0129-00-REVP

### Action Items

#### WG chair to email David Cypher for additional clarification on comment

#### Update spreadsheet for figures and equations

####  Maintain status for each figure and modifications needed

#### Determine need for teleconference on August 20, 2014

#### WG chair / editor to prepare clean document for 802.21m base document, using revisions as modified and approved according to WG discussion from Tuesday PM1 and Thursday AM2 consensus

#### Chair to send a reminder to Yoshi for PICS update

#### (deferred) Recommend 802.21.1 to carry out gap analysis on 802.21m features

## TGd Multicast Management closing note (21-14-0099-00-MuGM-tgd-may-closing-note)

### Progress in May 2014 Meeting: LB7b comment resolutions

### Resolved all editorial comments and most technical comments

### Remaining technical comments are: #58, #79, #83

### LB7 Ballot Resolution Committee

### Next Step: Start next recirculation around April 21, 2014

## 802.21.1 closing note (DCN 21-14-0098-00-SAUC-closing-notes)

### TG 802.21.1 had two sessions during his meeting

### There were four presentations on use cases

* https://mentor.ieee.org/802.21/dcn/14/...

### 802.21.1 Teleconference (tentative):

## Teleconferences

### 802.21c BRC Teleconferences:

* (none)

### 802.21d BRC Teleconferences:

* May 27 (Tue), 8am-10am EDT
* June 10 (Tue), 8am-10am EDT

### 802.21m Teleconference:

* (none)

### 802.21.1 Teleconference:

### Teleconference (Tentative)

##### (none)

### Plan for next meeting

##### Meet with IEEE staff to resolve Microsoft Word problems with 802.21m base document

# Future Sessions

## Future Sessions – 2014

### List of upcoming sessions

* **Plenary: 13-18, July 2014, Manchester Grand Hyatt, San Diego, CA, USA**
	+ Co-located with all 802 groups
* **Interim: 14-19, September 2014, Hilton Athens**
	+ Co-located with all 802 wireless groups
* **Plenary: 2-7 Nov 2014, Grand Hyatt, San Antonio, TX, USA**
	+ Co-located with all 802 groups

### Discussion about San Diego venue

#### Food has been very good

#### Networking was good

#### Recommended for return

## Future Sessions – 2015

* **Interim: 18-23 January, 2015, Hyatt Regency, Atlanta, GA, USA**
	+ Co-located with all 802 groups
* **Plenary: 8-13/15-20 March, 2015, Berlin**
	+ Co-located with all 802 groups
* **Interim: May 2015, Hyatt Regency Vancouver (TBD)**
	+ Co-located with all wireless groups
* **Plenary: 12-17 July 2015, Hilton Waikoloa Village, Hawaii, USA**
	+ Co-located with all 802 groups
* **Interim: September 2015, Asia (TBD)**
	+ Co-located with all 802 wireless groups
* **Plenary: 8-13 Nov 2015, Hyatt Regency Dallas, TX, USA (TBC)**
	+ Co-located with all 802 groups

## Future Session notifications

* Early registration for Athens ends on July 23; rate increases to $1150

# Attendance

|  |  |
| --- | --- |
| De La Oliva  | Universidad Carlos III Madrid |
| Das Subir  | Applied Communication Sciences |
| Hanatani Yoshikazu | Toshiba Corporation  |
| Ohba Yoshihiro  | Toshiba Corporation |
| Perkins Charles  | Futurewei Technologies  |
|  Junghun Kim |  Telecommunications Technology Association (TTA) |
| Sangkwon Jeong (Peter) | Bluecloud |
| Salazar Ruben | Landis+Gyr |
| Behcet Sarikaya | Huawei Technologies Co. Ltd |

# The meeting was adjourned at 4:47 pm

 

IEEE P802.21 Media Independent Handover Services

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

Chair: Yoshihiro Ohba

Editor: Antonio de la Oliva

# Thursday, AM1 Meeting, September 18, 2014

## Meeting called to order by Chair at 8:00AM

Minutes are taken by Yoshihiro Ohba.

## Meeting Agenda (21-14-0137-00) is presented by the Chair

The IEEE 802.21d task group is scheduled to meet Thursday AM1, AM2 and AM3.

Agenda was approved with no objections.

## Meeting Minutes Approval

Minutes of July 2014 TGd session are included in the WG minutes that were already approved in the WG opening plenary. There is no additional minutes to approve.

## Opening Notes (21-14-0141-00) is presented by the Chair

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

Chair called for declaration of potentially essential IPR on 802.21d. There was no response to the call in the meeting.

Chair presented the result of Sponsor Ballot.

- Number of eligible voters: 64

- Total Vote: Approve 50, Disapprove 04, Abstain 01 (lack of time)

- Return ratio = 85%, Approval ratio= 92%

- Number of Comments: 119 (Editorial: 53, General: 2, Technical: 64)

Initial commentary file: DCN 21-14-0142-00

## Sponsor Ballot comment resolution

The following comments that are marked Editorial were changed to Technical: i-94, i-102.

The following comments were resolved: i-116, i-117, i-41, i-42, i-43, i-44, i-100, i-102, i-107 to i-111, i-114, i-115,

Recess at: 10:10 AM

# Thursday AM2 Meeting, September 18

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

## Comment Resolution

The group continued Sponsor Ballot comment resolution.

The following comments were resolved: i-3, i-6 to i-12, i-46, i-49 to i-56, i-59, i-61 to i-68, i-94,

Recess at 12:20PM.

# Thursday PM1, Meeting, September 18

## Meeting called to order by Chair at 1:30PM

The group continued Sponsor Ballot comment resolution.

## Comment Resolution

All remaining comments were reviewed and resolved except for the following comments that require contributions: i-7, i-12, i-37, i-108.

## Closing Note by Chair

TG closing note is captured in DCN 21-14-0148r0.

Three teleconferences are tentatively scheduled.

The meeting was adjourned at 3:25pm.

 

IEEE P802.21.1 Media Independent Services and Use Cases

Meeting Minutes of the IEEE P802.21m Task Group

Chair: Charlie E. Perkins

# Meeting Minutes of the IEEE P802.21m Task Group (DCN 21-14-0146-00-REVP)

## Wednesday, AM2 Meeting, September 17, 2014 (10:30-12:30 pm

* + 1. Meeting called to order by Chair at 10:35 AM
		2. Participants: Subir, Charlie, Yoshi, Yazu, Antonio
		3. Chair displayed the current version of the document: 21-14-0067-07
		4. Discussion about chair resigning position and curtailing future activities
		5. Discussion took place on how to manage the version control of the document.
		6. Antonio will help creating a SVN where few TG members will have the ability to edit the document and still maintain the version control.
		7. Chair will make sure that all the original Word versions of the Standards and figures are uploaded to the mentor.
		8. Chair walked through the document and displayed the changes.
		9. Comment [CEP] means work to be done or it needs to be revisited.
		10. Chair mentioned about the dependencies on 802.21.1. As soon as 802.21.1 decides the use cases, things will move from this document to 802.21.1. It was also mentioned that no WG LB will be initiated before 802.21.1 draft is ready. This is confirmed by the WG chair.
		11. It was asked if there are any major issues on this version.
		12. Chair indicated that there are no major issues but there are minor issues: for example, cross-reference, whether to use the word ‘Subclause’ when using a section cross reference. It was clarified that the IEEE style manual does require us to use it the format should be ‘Subclause (x.x.x)’
		13. It was clarified that (D)TLS is carried over MIH and therefore the corresponding change text is not correct.
		14. MISS PDU means MIS security PDU. From 802.21a MIHS is changed to MISS.
		15. Several changes were discussed and accepted. Chair will create a new version and upload as ver-08.
		16. Chair mentioned that afternoon PM2 session may not be required.
		17. Meeting was adjourned at noon.
	1. Thursday, PM2 Meeting, September 18, 2014 (4:30-4:45 pm)
		1. Meeting called to order by Chair at 4:25 PM
		2. Discussion about existing action items
		3. Detailed discussion about SVN version control system and files to upload
		4. Revision requested to Closing Notes
		5. Approval of mid-week further updates to 802.21m base document
		6. Two more documents to be uploaded – version with changes noted, and clean version with revisions accepted.
		7. Meeting adjourned at 4:55pm

 

##

IEEE P802.21.1 Media Independent Handover Services

Meeting Minutes of the IEEE P802.21.1 Task Group

 Chair: Subir Das

Editor:

# Meeting Minutes of the IEEE P802.21.1 Task Group

## Monday, PM2 Meeting, September 15, 2014 (4:00-6:00 am)

## Meeting called to order by Chair at 4:10 PM

Peter Jeong presented DCN: 21-14-0134-00-SAUC

Title: **Open SLMCP use cases**

An Open Social Learning Mobile Content Platform use cases for media independent handover

Members asked the following questions to understand the use cases:

Q1: What kind of mobility is provided by Open SLMCP?

 Q2: What 802.21.1 can do to help this scenario?

Q3: What is the difference between LMS servers depicted in Slide #7 and Slide #8?

Q4: What are the session handover requirements and objectives in Open SLMCP mentioned in slide #8?

Peter mentioned that he will update the document and present the answers in November plenary meeting.

## Wednesday, PM1 Meeting, Sept 17, 2014 (1:30-3:30 pm)

## Meeting called to order by Chair at

Hyeong Ho Lee presented DCN: 21-14-0113-01-SAUC

Title:Proposed Table of Contents for IEEE 802.21.1 Draft Standard

Comment: TG thinks that this is a good starting point and authors are requested to update the document and present during November Plenary meeting. Authors have agreed with the suggestion.