 

IEEE P802.21 Media Independent Handover Services

Minutes of the IEEE P802.21 Working Group

Session #53 Meeting, San Antonio, TX, USA

Chair: Subir Das

Vice Chair: H Anthony Chan

Editor: David Cypher

Secretary: Charles E. Perkins

# First Day AM2 (10:45AM-12:30PM):Travis C ; Monday, Nov. 12, 2012

## 802.21 WG Opening Plenary: Meeting is called to order by Subir Das, Chair of IEEE 802.21WG with opening notes (21-12-0160-00-0000 ).

## Approval of the November 2012 Meeting Agenda (21-12-0138-00-0000)

### <were there any agenda modifications?>

## IEEE 802.21 Session #53 Opening Notes (21-12-0160-00-0000 )

### Attendance procedures

### Duty to inform, etc.

### Question on call for Intellectual Property declaration: No one declared

### New member count = 0

### Objectives and Status

### Task group presentations 802.21c ((21-12-NNN-00) and 802.21d (21-12-NNN-00)

## IEEE 802 Joint Opening Plenary Report (21-12-0159-00-0000)

### Request to comment on 802.11aq

### 1904.1 review request – comments

### 1905.1: 802 has joined in as an entity

### 802 architecture: almost in a final state meeting 1:30-3:30 today,

also on Thursday

### Review the [802SEC] Updated rules documents (P&P changes)

comments need to be submitted by Tuesday 5 pm.

### http://open-stand.org co-signed by IAB, IEEE, ISOC

recommend for each person to go sign the agreement

### January, 2013 Interim meeting

#### deadline for hotel is November 3**0**

### Discussion about future meetings outside the US

It turns out to be very expensive

## Minutes from Session #52 plenary meeting 21-12-0164-00-0000 were approved

## 802.21c (Anthony Chan) : Five meeting sessions planned (DCN# 21-12-0166)

### Large number (over 100) of technical comments

### Resolve the issues and approve the draft this week for letter Ballot recirculation

### If all comments not resolved, can be done by ad-hoc group via teleconference

### If the ballot is not approved, the entire document is open for comment.

### All comments must be resolved before it can be resubmitted for new ballot

### Recirculation ballot does not require 30 days comment period

### would be nice to have done by January Interim

### Suggestion to recirculate ballot between Thanksgiving and Christmas

## 802.21d (Yoshihiro Ohba): three meetings (DCN# 21-12-0162)

### Issued call for proposals

### 7 proposals received

### Proposals can be brought back in January, possibly merged, etc

## Other meetings of interest to 802.21

### OmniRAN AM2 Tuesday [Agenda published] / AM1 Thursday

#### Contribution from Telecom Italia

#### Max Riegel will chair the study group

#### 3GPP SaMOG versus OmniRAN

#### Proposal to create an EC study group instead of 802.16 study group

### Discussion about 802.11aq (PAD) comments needed for PAR

#### discussion about overlap with 802.21 and/or 802.21.1

#### Should attend Tuesday meeting to understand their purpose

(to avoid parallel but uncoordinated work)

### Tutorial: Subir has submitted a tutorial for Multicast 802.21d

#### Mentioned in IEEE-SA press release

# Day 2 PM1 (1:30pm-3:30pm): Travis C; Tuesday, Nov.13, 2012

Discussion about 802.11aq PAR

Discussion about 802.11 5C

Comments need to be submitted by 5:00pm

# Day 3 AM2 (10:30am-12:30pm): Travis C; Wednesday, Nov.14, 2012

Comments were received from 802.11 (pretty bad for PARs, but constructive)

Discussions about slide presentation to improve explanation of objectives

Many improvements were made responsive to 802.11 comments.

Also updates to 5C document for 802.11m

# Day 3 PM1 (1:30pm-3:30pm): Travis C; Wednesday, Nov.14, 2012

# Day 4 PM2 (4:00pm-6:00pm): Travis C; Thursday, Nov.15, 2012

## 802.21 WG Closing Plenary: Meeting is called to order by Subir Das, Chair of IEEE 802.21WG.

## 802.11 report (21-12-0178-00) by Clint Chaplin

* **802.11ac – Very High Throughput <6GHz**
  + Successor to 802.11n at frequencies less than 6GHz
* **802.11ad – Very High Throughput 60GHz**
  + Successor to 802.11n at 60GHz
* **802.11af – TVWS**
  + TV White Space
* **802.11ah – Sub-1GHz**
  + Sub-1GHz Operation
* **802.11ai – Fast Link Setup**
  + Speed up initial link setup
* **802.11aj – CMMW**
  + Speed up initial link setup
* **802.11mc – New Maintenance group (compilation of all approved amendments)**
  + Working towards 802.11-2015
* **802.11 PAD SG Pre-Association Discovery**
  + **11-12-1081r6 (PAR)**
  + **11-12-1137r6 (5C)**
  + **Generated a liaison (11-12-1389r1) to Wi-Fi Alliance; pending approval**
  + **Updated use case & requirements doc (11-12-1416r0)**
* **802.11 GLK SG General Link**
* **802.11 WNG Wireless Next Generation SC**
  + **Operator Deployed WLAN offload Cellular (11-12-1258-02-0wng-operator-deployed-wlan-offload-cellular.pptx) – Fang XIE**
  + **Measurement Reporting in WLAN (11-12-1259-01-0wng-measurement-reporting-in-wlan.ppt) – Fang XIE**
  + **Proposal for using saved IP to make a connection (11-12-1378-04-0wng-using-saved-ip-to-make-a-connection.pptx) – CHEN Yanming**
* **JTC1/SC6 SC ISO/IEC JTC1/SC6**
* **Regulatory SC**
* **Architecture SC**
  + **P1905.1 is out for a recirculation**
  + **IETF/802 coordination**
  + **802 Overview and Architecture Draft 1.5**

## IETF liaison report by Yoshihiro Ohba (21-12-0174-00)

### DMM (Distributed Mobility Management) WG

### NETEXT WG

### MIF (Multi-Interfaces) WG

### ROLL (Routing Over Low power and Lossy networks) WG

### RMT (Reliable Multicast) WG

## 802.21c closing report by Anthony Chan (21-12-0180-00)

## 802.21d closing report by Yoshihiro Ohba (21-12-0175-00)

### Progress in November 2012 Meeting

### Next Steps

### Teleconference Schedule (Tentative)

## WG Teleconferences

### 802.21c:

* + 11/ 27/12, Tue 10-12 noon am ET
  + 12/04/12, Tue 8-10 pm ET
  + 12/11/12, Tue 8 -10 pm ET
  + 01/08/12, Tue 8 -10 pm ET

### 802.21d:

* + 12/05/12 Wed, 8am-10am ET
  + 12/19/12 Wed, 8am-10am ET

## Motions

### Move to authorize the 802.21 WG Chair to submit the resolution of the comments that were received by Tuesday (Nov 13th, 2012), 5 pm to the 802 Executive Committee

#### Pass:8/0/0

### Move to authorize the Ballot Resolution Committee (BRC) to resolve WG LB6 comments and approve the related contributions via teleconferences

#### Pass:9/0/0

### Move to authorize the P802.21 WG Chair to initiate a LB6 re-circulation ballot on the question “Should P802.21c D02 be forwarded to Sponsor Ballot”

#### Pass:9/0/0

### Move to authorize the 802.21 WG Chair to make a motion to the IEEE 802 Executive Committee for approval to forward the IEEE P802.21-revision and IEEE P802.21.1 PARs to the IEEE-SA NesCom

#### Pass:9/0/0

## 802.21 Session #52 closing report (DCN 21-12-0176-00)

# Future Sessions

* **Interim: 13-18 Jan. 2013, Hyatt Regency, Vancouver BC, Canada**
* **The following Working Groups will be participating: IEEE 802.1, 802.11, 802.15,802.16, 802.18, 802.19, 802.21, 802.22 and 802.24**
* ***Registration Information:***
* **Early: Before 6pm Pacific Time, Friday, November 30, 2012**

**(UTC Time: 2am Saturday, December 1, 2012)**

* + **$400 US for attendees staying at the Hyatt Regency** ( $700 US for a**ll others)**
* **Standard: After Early Registration and before 6pm Pacific Time, November 2, 2012**
  + $500 US for attendees staying at the **Hyatt Regency**, ($800 US for all others)
* **Late/On-site: After 6pm Pacific Time November 9, 2012**
  + $600 US for attendees staying at the **Hyatt Regency**, ($900 US for all others)
* **IEEE 802 Wireless Group Hotel Rate ($135 CAN plus tax, subject to availability)**
  + **Group Rate Deadline: 6pm Pacific Time, Friday, December 23, 2012**

# Attendance

|  |  |
| --- | --- |
| Chan Anthony | Huawei Technologies |
| Chaplin Clint | Samsung |
| Chasko Stephen | Landis+Gyr |
| KAMBAYASHI TORU | Toshiba Corporation |
| Hanatani Kambayashi | Toshiba Corporation |
| Ohba Yoshihiro | TOSHIBA Corporation |
| Khatibi Farrokh | Qualcomm Incorporated |
| Park Hyunho | Electronics and Telecommunications Research Instititute (ETRI) |
| Perkins Charles | Futurewei Technologies |
| Lee Hyeong-Ho | Electronics and Telecommunications Research Instititute (ETRI) |

# The meeting was adjourned at 5:42 PM on Thursday, Nov. 16, 2012

# 802.21c minutes: DCN 21-12-0180-00

# 802.21d minutes: DCN 21-12-0175-00