IEEE P802.11
Wireless LANs

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| March 2015 NGP SG Minutes |
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Abstract

This document contains the meeting minutes for the 802.11 NGP SG meeting in IEEE F2F Berlin, March 9-12 2015.

# Meeting Minutes – NGP-SG Session 1, March 10 2015

## IEEE IPR Notice

Chair: Jonathan Segev/Intel, Secretary: James Wang (standing in for Gabor Bajko), Mediatek

## MINUTES

* Chair announced IEEE attendance, meeting rules and IEEE SA, guideline, and patent policy.
* The March 10 Meeting slides contain the agenda and discussion slides, which is summarized here:

* + Patent policy
	+ Approve previous meeting minutes (11-15/215r0).
	+ Presentations to inform the SG in its effort to develop PAR & CSD, such as:
		- Use cases
		- Problems statements
		- Scope and purpose
	+ Draft PAR and CSD submissions review.
	+ Approve previously presented SG timelines.
	+ SG extension.
	+ Schedule teleconference times as needed.
* Chair went through the proposed agenda and showed the submissions so far. Chair asked if time slot allocated is fine and if any request for agenda change. There were no request.
* Members approved 11-15/215r0 meeting minutes. There is no objection. Ganesh Venkatesan was the mover and Edward Au was the seconder. The motion passes by unanimous consent. There were 38 members present at the time motion was conducted.

* Ganesh presented the Rev 3 PAR (IEEE DCN0030). Ganesh went through Scope of the project. Solomon Trainin of Intel asked how NGP would coordinate the changes with PHY standard developments, specifically about timeline. Chair said that Dorothy had indicated that NGP could stagger its activities with other groups, when the respective PHY becomes stable, NGP would suggest changes to their text. Ganesh also mentioned that there would be coordination or overlap with 15.7 as well. Brian Hart, Cisco, made some editorial suggestions for the text in “Need for the Project” clause. Ganesh pointed out that the Location-based services (LBS) might have potential overlap with 802.15.7. SK of Apple asked for some editorial changes in the reference.

Chair proposed to conduct a strawpoll to adopt the submission as the working draft (DCN: 30r4) for PAR. Chair ran the strawpoll that “We agree to adopt doc. 11-15-0030r4 as our working draft for PAR development. The group approved the strawpoll unanimously.

* Ganesh presented the CSD document (DCN262r0). The document was uploaded to Mentor server earlier. Ganesh asked if there is a need a CA document. Chair said that if some PHY changes is required, which might trigger the requirement for CA. SK of Apple asked what it meant by changes in PHY. Ganesh said that there were some suggestions about enhancing the preamble to improve the accuracy as an example. Brian, Cisco, said that scope could include VHT, HT for example. Rainer Hach of Nanotron made a comment that we need to ensure what level of interference. For example, even a slight change such as more air time would trigger CA. Brian suggested some text changes to the market forecast in Page 2 and 3 ((a) Broad sets of applicability). SK asked if any of sub-bullets has to do with higher accuracy. Ganesh said that first bullet did talk about enhanced accuracy. Brian suggested inserting reference to FTM in REVmc within the Distinct Identity clause. Kazu mentioned that it should mention enhanced accuracy as the performance attributes. Ganesh inserted a sentence to address that comment. George, Huawei, indicated that “same PHY’ is not consistent with earlier discussion. Ganesh changed to “same PHY type”. Rainer Hach of Nantron asked for a reference to substantiate the statement about the accuracy in LOS versus NLOS. Ganesh said he would add reference to that effect offline. Adrian indicated that IEEE P802.11 (Known as REVmc) is the official term for REVmc. Ganesh said he would made changes to all such reference. Chair asked what Ganesh would like to do with the CSD. Ganesh said he would make changes to document and upload to the server and would like to have a strawpoll to adopt the document as a working draft in the next session of this F2F meeting.

* Santosh reviewed the Use Case document template (DCN388r0). George asked about user density in the use case example. Santosh said that user density or expected number of simultaneous users is a parameter to be included. Bill Carney asked that the group would submit more use cases and if Santosh would serve as the editor for the use case document. Santosh said that he would volunteer as the editor.

Chair ran the motion “We agree to adopt doc. 11-15-0388r0 as our working draft for use case development.” James Wang asked if the use case example in the document would be included in the draft as a use case. The answer was yes. The motion was moved by Santosh and seconded by Edward Au. The motion passed by unanimous consent. The current attendance count was 53.

* NGP SG Meeting officially adjourned at 10:00 am 3/10/’15.

# Meeting Minutes – NGP-SG Session 2, March 12 2015

* Chair announced IEEE attendance, meeting rules and IEEE SA, guideline, and patent policy.
* The March 12 Meeting slides contain the agenda and discussion slides, which is summarized here:

* + Patent policy
	+ Review of PAR modifications
	+ Approve previously presented SG timelines.
	+ Approve working draft for PAR document
	+ Approve working draft for CSD document
	+ Goal for May F2F and schedule teleconference times as needed.
	+ AOB
* Brian Hart reviewed PAR document. He went through the modifications to clauses 5.2b, 5.3, 5.5, and the cross-reference of PAR.
* Chair announced a recess time of 2 minutes for Brian to work on the PAR document before coming back to motion the document.
* Chair also announced updated CSD document was mistakenly uploaded into the wrong document number (11-0262 overwrites 11-242 meeting agenda document) and that he had uploaded CSD draft again to the right document number.
* Chair reviewed the study group timeline. Chair ran a motion to “approve the timeline on Slide 29 of DCN242r2 as the SG timeline”. Moved by Santosh Pandey Seconded by Carlos Aldana. Motion passed by unanimous consent. The number of attendants for the meeting is 43.
* Brian reviewed the changes to document DCN30r6. Chair motioned “to adopt 11-15-0030r6 as the working document for PAR development”. Moved by Brian Hart and Seconded by Praveen Dua. Motion passed by unanimous consent.
* Brian reviewed the DCN262r1 document for CSD development. Jonathan brought a previous email discussion of changes suggested by Edward Au for clause 1.2.4b to incorporate the text in the same clause from NG60 CSD document with modifications to the underlying technology. Mark and Brian made some comments and modifications to the 1.2.4b text. Brian would upload the document to DCN262r2. Chair motioned to adopt doc. 11-15-0262r2 as our working draft for CSD development. Moved by Brian Hart and seconded by Sean Coffey. Motion passed by unanimous consent.
* Chair discussed the goal for May F2F and schedule for conference call. A conference call was suggested for 10am EST on April 15 Wednesday. Chair motioned the conference call. Moved by Brian Hart and seconded by Sean Coffrey. The motion was approved by unanimous consent.