|  |  |
| --- | --- |
| Project | **IEEE 802.21c Optimized Single Radio Handover TG** |
| Title | **Minutes of March 2011 802.21c TG Meeting** |
| DCN | 21-11-0066-00-srho |
| Date submitted | May 2, 2011 |
| Source(s) | Hyungho Park | Contact Info | Tel:Email: |
| Re: | IEEE 802.21 Session #43 in Singapore, Singapore |
| Abstract | This document summarized the meeting of IEEE 802.21c in IEEE 802.21 Session #43. |
| Purpose | To record the minutes of the IEEE 802.21c Task Group meeting in IEEE 802.21 session #43 in Singapore, Singapore |
| Notice | This document has been prepared to assist the IEEE 802.21 Working Group. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. |
| Release | The contributor grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE’s name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE’s sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802. |
| Patent Policy and Procedures | The contributor is familiar with the IEEE-SA Patent Policy and Procedures:<<http://standards.ieee.org/guides/bylaws/sect6-7.html#6>> and <<http://standards.ieee.org/guides/opman/sect6.html#6.3>>. Further information is located at <<http://standards.ieee.org/board/pat/pat-material.html>> and <<http://standards.ieee.org/board/pat>>. |

Minutes of 802.21c Task Group Meeting

Session #41, Dallas, United States

Chair: Junghoon Jee

Vice Chair: Anthony Chan

# Session 1 (Mar. 17, 2010, 01:30 pm ~ 03:30 pm, Local Time)

Minutes taken by Hyunho Park, secretary of IEEE802.21c TG

IEEE 802.21c TG Chair, Junghoon Jee announced the opening of the meeting and the meeting agenda is shared with the group. The meeting agenda is DCN 21-11-0035-00-srho-802-21c-report-and-agenda.ppt.

IEEE802.21c TG agreed to appoint Hyunho Park from ETRI as the secretary of the IEEE 802.21c TG.

Antonio de Oliva of UC3M showed his comments (DCN#21-0036-00-srho-comments-to-21c-proposal.doc). After Oliva’s comments, Anthony Chan answered it with his feedback (DCN#21-0036-01-srho-comments-to-21c-proposal.doc) for the comments and/or discussed about the comments. The answered and discussed comments are as follows

* With regard to a C-GW, there was curiosity of needs for the C-GW. An answer to this question is that SRHO needs an entity, as a virtual PoA, to recognize encapsulated protocol by other wireless network protocol, decapsulate and forward to the target PoA. The C-GW supports this kind of works.
* There was a comment to change the “source network” into the “originating network” or the “serving network” for more natural expression.
* There was a question about share of transmitters between different wireless interfaces (e.g., between a 3gpp interface and an WiFi interface). However, as members discussed, they concluded there is no big problem of share.
* Related with the protocol stack for 21c, there was a request to show the relationship between the previous MIH protocol and 21c protocol.
* Related with handover procedure, there was a comment about sequence between handover decision and pre-registration. After some discussion, members agreed that the sequence between handover decision and pre-registration can be changed.
* The previous draft assumes the networks use the Mobile IP. For the case when other mobility management protocol is used, the existing Mobile IP handover based procedures would be changed.

Hyunho Park of ETRI presented the DCN#21-11-0052-00-srho-introduction-802-16-ppc-hn.ppt. Hyunho introduced the Hierarchical Networking activity of IEEE 802.16 ppc group. Related with Hierarchical Networks (HN), its purpose, scope, and network architecture were explained. The main contents are as follows.

* The HN is suggested to solve the problems about explosive growth in mobile data demand and flattering revenues for network operators.
* The HN of WiMAX considers the Single-RAT HN and Multi-RAT HN.
* Hyunho focused on the Multi-RAT HN and explained it.

A conference call was planned at May 3rd, 2011, 9:00ET. Topic for the conference call is about DCN#21-11-0036-02-srho.