IEEE P802.19
Wireless Coexistence Working Group

Project	IEEE 802.19 Wireless Coexistence Working Group (WG)
Title	**Memo of Teleconference Call of TG1 Architecture and Assumptions Ad Hoc Group, 2010 Feb 4**
Date Submitted	[Feb 2010]
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Re:	
Abstract	Minutes of Feb 4th teleconference
Purpose	Minutes of Feb 4th teleconference
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Memo of Teleconference Call of TG1 Architecture and Assumptions , Feb 4, 2010

Date: Feb 4th, 2010, 11:00pm in EST

Attendees:

Steve Shellhammer (Qualcomm), Alex Reznik, Joe Kwak (InterDigital), Tuncer Baykas, Azizur Rahman, Chen Sun, Yohannes Alemseged, Ha Nguyen Tran, Stanislav Filin, Hiroshi Harada (NICT), Mika Kasslin, Päivi Ruuska (Nokia), Hyunduk Kang (ETRI), Rashid Saeed (TMRND)

Discussed Documents:
19-10-0019-00-0001-high-level-architecture-view.pptx (Mika Kasslin)
19-10-0020-00-0001-p802-19-1-assumptions-and-architecture.pptx (Chen Sun)

Action Items:
1. Group will continue discussion on Feb 18th teleconference.

What discussed:

1   Opening by Tuncer Baykas
    1.1   Tuncer reminded everyone IEEE patent policy
    1.2   Tuncer reminded the group guideline about assumptions and architecture
       1.2.1

> **Architecture-** "We need to define entities with their high level functions, exposed interfaces that show their major information flow items, and service access points in architecture. All external entities should be identified. Architecture should show external boundaries."

> **Assumptions-** Definition of operation environment of 802.19.1 devices

2   Discussion on High Level ArchitectureView (19-10-0019)

2.1   Question from Alex Reznik : Did you envision deployment scenario with CM entity in each device with communication to central device. ? So that there is a hierarchy.

Mika: Yes a hierarchical communication is possible. There could be a CM on top of several CMs.

2.2   Comment from Joe Kwak : Distributed approach is unworkable. In other to discover each other there should be central manager. There must be a central component to start communication.

Mika: This is a different interpretation of our views. What we believe in distributed approach is that CM is a decision make entity. We didn't embedded to the operations of communication.

3   Discussion on P802-19-1 assumptions and architecture (19-10-0020)

3.1   Joe Kwak said assumptions that assumptions are functional requirements of external entities.
Chen Sun said it is the possible operating environment. We are not saying external devices should do that or not.

3.2   Hyunduk Kang: Is the information in database reliable? Will every TVBD give their information.
Yohannes: Not every TVBD but 802.19.1 compliant TVBD's will provide their info.
Sun: Database is the part of architecture. Reliability of the information and how to use it needs to be discussed in the group again.

3.3   Mika Kasslin: Do Coexistence Enablers have decision capability?
Sun: Yes. They will have.