**IEEE Architecture and Enablers for Optimized Radio and**

**Spectrum Resource Usage Working Group**

**Sponsored by IEEE DySPAN Standards Committee**

**20-22 June 2011  
Brussels**

**Minutes**

**Chair: Masayuki Ariyoshi**

**Vice-Chair: Hiroshi Harada**

**Secretary: Kentaro Ishizu (Minutes recorder)**

**DAY 1, 20 June 2011**

1. **Call to order**

* The meeting was called to order at 8:33 am.
* A roll call of entities was taken. 7 voting members were present out of 8. Quorum was satisfied.
* There were no proxies or declarations of representation.

1. **Approval of the agenda**

* Chair Ariyoshi (NEC) suggested the WG discuss a contribution from Hitachi (1900\_4wg-11-0016-00-DOT4) in this Brussels meeting, although that submission was overdue to the WG convention.
* Hasegawa-san (TUS) moved to approve the agenda (1900\_4wg-11-0015-01-DOT4), Hanaoka-san (Hitachi) seconded. Motion passed without opposition.

1. **Call for patents**

* A call for patents was made. (Templates\_Policies\_Procedures/ IEEE-SA-patent-slideset.pdf)

1. **Approval of the minutes of 21-22 March 2011 WG F2F meeting in Singapore**

* Chair pointed out the draft minutes of the last F2F meeting on 21-22 March 2011(1900\_4wg-11-0013-00-DOT4). Harada-san (NICT) moved to approve the minutes, seconded by Takayoshi-san (WPC). Motion passed without opposition.

1. **P1900.4a - Amendment of Definitions, Use cases, Requirements, Architecture, Information Model - Establishment of Ballot Resolution Committee (BRC) / Sponsor Ballot comment resolution**

* Chair announced that 1900.4a draft (D3.0) was reviewed by RevCom on 15th June resulting their recommendation for approval without objection. Accordingly, the draft was approved as a consent agenda in IEEE-SASB meeting on 16th June and the document has been forwarded to the Editor team for publication, which may take a couple of months.

1. **P1900.4.1 - Protocols, descriptions of interfaces and SAPs**

* Murai-san (Hitachi) presented 1900\_4wg-11-0016-00-DOT4. Chair suggested a text version of the proposal would be helpful for further discussions towards the WG decision. Hitachi agreed to upload the text version of their proposal by the morning on 21st June. Chair mentioned that the updated contribution will be discussed during the Brussels meeting.
* Chair revisited the status review of P1900.4.1 (1900\_4wg-11-0003-00-4dt1) to point out missing parts in 1900.4.1 draft, and asked any idea for next step. Harada-san (NICT) suggested that one way is to clarify what are actual interfaces and how precise are they specified in 1900.4.1, in order to call for contributions from other WGs.
* Chair noted a future possible work item on interface and protocols for 1900.4a, and asked the WG opinions whether it would be an amendment of 1900.4.1 (after finishing current P1900.4.1) or it would be discussed together within the current P1900.4.1 (assuming PAR to be modified). Harada-san mentioned it would be better that the WG should finish the current P1900.4.1 first.
* Alex Gelman (ComSoc) suggested issuing a press release regarding approval of IEEE 1900.4a draft. Chair agreed to go for it.
* Alex also suggested to cooperate with 1900.7 WG regarding requirements. Harada-san (NICT) suggested to work on the interface together with other WGs and to promote our 1900.4/1900.4a standards to be adopted by them.

Watanabe-san (BM) moved to approve the updated agenda (1900\_4wg-11-0015-02-DOT4), Hanaoka-san (Hitachi) seconded. Motion passed without opposition.

Chair recessed the meeting at 9:50am.

**DAY2, 21 June 2011**

Chair restarted the meeting at 8:30am.

* Hanaoka-san (Hitachi) presented 1900\_4wg-11-0017-00-DOT4. Mori-san (ISB) proposed to emphasize that the NRM makes decisions according to the policy from the OSM. Hanaoka-san agreed to add additional explanation to the Figure. 6. Ishizu-san (NICT) asked possibility that OSM establishes connections to NRM. Hanaoka-san (Hitachi) agreed to replace the single-direction arrow with bi-directional arrow in Figure. 3. The contribution document is to be updated.

1. **Approval of draft standards**

* None.

1. **Unfinished business**

* Secretary Ishizu (NICT) explained the current status of mailing list management. Until 20th June 2011, there were three mailing lists: P1900-WG4-MEMBERS, P1900-WG4-NONMEMBERS, and P1900-WG4-VOTINGMEMBERS. Since the members in P1900-WG4-MEMBERS and P1900-WG4-VOTINGMEMBERS are essentially the same, the latter was removed to avoid confusion. Chair asked to the floor for management approach of the NONMEMBER mailing list. Harada-san (NICT) mentioned that intension to remove members from the list would not advised and it is understandable to reconfirm the registrations of the mailing list at this timing to switch from SCC41 to DySPAN-SC. Christian Mouton (NEC) proposed to send a notice to NONMEMBERS mentioning that our sponsor was recently changed and the recipients will be kept in the mailing list unless one indicates a request of termination of subscription. Chair mentioned to do so.

1. **New business**

* Chair revisited the WG budget reported at the DySPAN-SC plenary on 20th June that about 20,000 USD is available for the 1900.4 WG. Chair also noted that WG member entities could make proposals for utilising the budget.
* Chair raised a discussion on approach to the ITU-R contribution. WG recognised that it is difficult to make a decision now, therefore each entity is recommended to consider as homework. If some entities are interested in the ITU-R contribution, they can form an ad hoc group to discuss it.
* Vice Chair Harada (DySPAN-SC Chair, NICT) reminded to prepare a press release. He will draft a text proposal and distribute to the WG.

1. **Next meetings**

* Hanaoka-san (Hitachi) moved to have following WG teleconferences:
  + Telecon: 20 July, 06:00 (EDT), 12:00 (CEST), 19:00 (JST)
  + Telecon: 10 August, 06:00 (EDT), 12:00 (CEST), 19:00 (JST)
  + Telecon: 7 September, 06:00 (EDT), 12:00 (CEST), 19:00 (JST)
  + Telecon: 5 October, 06:00 (EDT), 12:00 (CEST), 19:00 (JST)
  + Telecon: 2 November, 06:00 (EDT), 12:00 (CEST), 20:00 (JST)
* Takayoshi-san (WPC) seconded. The motion approved without oppositions.
* Following F2F meeting is currently planned.
  + F2F: 13-16 December 2011, Scottsdale, AZ, USA

The meeting was adjourned by Chair at 9:55am.