

ISO/IEC/JTC1/SC6/WG1

2011-06 San Diego Meeting Report

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Venue:

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Base Contribution:

None.

Purpose:

[Report the participations in ISO/IEC JTC1 SC6 WG1 2011-06 San Diego Meeting.](#)

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Lei Wang

7/02/2011

Outline

- Background
- 802.16 Related Work
- 802.16's Participation in ISO/IEC/JTC1/SC6/WG1
2011-June San Diego Meeting
- SC6/WG1 San Diego Meeting Outcome
- What's Next?

Background Information

- What's ISO/IEC/JTC1/SC6/WG1?
 - ISO: International Organization for Standardization
 - IEC: International Electrotechnical Commission
 - JTC: Joint Technical Commission
 - SC: SubCommittee
 - WG: Working Group
 - JTC1/SC6/WG1: PHY/DLL (i.e., Layer 1 &2) for Telecommunications and information exchange between systems

Background Information -- con't

- Why does 802.16 get involved there?
 - A contribution (doc# N14410) was submitted to SC6/WG1 from China SC6 Mirror Committee in August, 2010;
 - Pointed out Security issues in current LRWC (Long Range Wireless Communications) standards, including 802.16/WiMAX, LTE, etc.;
 - Proposed in ISO/IEC JTC1/SC6 to establish a study period on MAC Security Specifications for LRWC.
 - A follow-up contribution (doc# N14745) was submitted to SC6/WG1, with focus on 802.16/WiMAX in May, 2011.

802.16 Related Work

- Joined 802 WG level attentions / corporations about 802-related activities in SC6/WG1;
- Selected an 802.16 delegate in Session#72 (2011-03, Singapore) to join 802 delegate team, for SC6/WG1 2011-06 San Diego meeting;
- Prepared and submitted a contribution as 802.16's response:
 - 802.16 document #: L80216-11_0034
 - SC6/WG1 document #: N14789
- Participated in the preparation activities of the 802 delegate team;
- Participated in SC6/WG1 SD meeting in the week of June 20 in San Diego, CA, as a member of 802 delegate team

802.16's Participation in SC6/WG1 2011-06 San Diego Meeting

- As a member of 802 delegate team, participated in the SD meeting;
- Presented 802.16 contributions and delivered the following main messages:
 - 802.16 has been adopted by internationally, including ITU and WiMAX;
→ no security concern arisen so far!
 - 802.16/Mobile WiMAX release 1.0 has been commercially deployed/used in many countries; → no security concerns arisen so far!
 - Direct response to the assertions given in SC6/WG1's document N14745,
→ none of the assertions are valid!
 - 802.16/WiMAX security is sound! → no problems/bugs need to be fixed!
 - Welcome any enhancement proposals, but please submit them directly to 802.16 WG.

SC6/WG1 San Diego Meeting Outcome

- Related to 802.16:
 - No resolutions / no action to the related contributions;
 - similar or new contributions to ISO/SC6 in the future → don't know!
- Related to other 802 WGs
 - No action taken with regard to 802.1.
 - One motion relevant to 802.11, about WAPI New Project.
 - One motion that affects the whole of 802.
 - One motion relevant to P1901 (Broadband over Power Line Networks).

What's Next?

- the 802 Delegate team will hold FtF meetings in SFO during the week of 802 July Plenary;
- monitor any future relevant contributions/proposals in ISO/SC6 with regard to 802.16;
- Next ISO/SC6 meeting will be in Feb., 2012, in Guangzhou, China;
- 802.16 WG needs to select a new delegate, if decide to participate in next ISO/SC6 meeting.