**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | Task Group 4k Minutes, Palm Springs, May 8-12, 2011 |
| Date Submitted | May 12, 2011 |
| Source | [Betty Zhao] [Huawei Technologies Co., Ltd.] | E-mail: [betty.zhao@huawei.com] |
| Re: |  |
| Abstract | Task Group minutes for interim meeting, May 2011, Palm Springs. |
| Purpose |  |
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**IEEE Project 802**

**Working Group 15, Task Group 4k**

**Meeting Minutes: Palm Springs, May 8-12, 2011**

**Monday AM2, 9th May**

10:35 Chair calls meeting to order

Chair introduces TG opening report 370-00, and calls for potentially patents and patent applications and nobody responds.

David asks that whether the preliminary/final proposals should be in word format or powerpoint format.

Q: What will happen between November and May?

A: TG will be working on the draft.

Q: Should amendment be a whole standard draft?

A: No, only changes.

Suggestion: Keeping parameters such as path loss open till preliminary draft stage

Opening report 370-00 will be modified per discussion to 370-01.

Motion (David Howard moved and Ben Rolfe seconded) to approve Palm Springs agenda 321-01 carries.

Motion (David Howard moved and Mark Wilbur seconded) to approve Singapore minutes 212-04 carries.

Doc. 375-00 is presented by Sourav Dey and Roberto Aiello.

**Tuesday AM1, 10th May**

8:05 Chair calls the meeting to order.

David Howard leads the discussion on technical guidance doc. 359-00.

Chair agrees to the presentation of 4i and 4e in July session.

In July session we expect hearing a presentation of Joules per bit from Mark.

The updated technical guidance document will be posted as 359-01.

10:00 Recess

**Tuesday AM2, 10th May**

10:43 Chair calls the meeting to order.

Doc. 348-00 is presented by Guoliang Yao.

Comments:

* 4e already has two low energy mechanisms similar with slide 4. 4e has added Information Element which can act as what slide 8 illustrates. It’s better to investigate that how 4e can be adopted to 4k.
* It’s better to focus on PHY rather than MAC.
* Both sender and receiver are endpoints? According to TGD, only endpoint and coordinator can talk to each other.

Doc. 347-01 is presented by Guoliang Yao.

Comments:

* Good application for 4k, and channel model and actual data are needed.
* More than 5000 ZigBee nodes are being deployed in some China mines.
* TG4a includes some mining applications, which may be used as the reference.

Discussion on Call for Proposal doc. 147-00, posted as 147-01.

TG discusses on Technical Guidance Document 359-01 and assigns tasks to volunteers. TGD is posted as 359-02.