IEEE P802.15

**Wireless Personal Area Networks**

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| Project | 802.15 TG4j | |
| Title | Proposed resolution to d1P802-15-4j\_Draft\_Standard comments: S5-11, S5-16, S5-112 ( and S5-123, S5-128, S5-224) | |
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| Re: | Proposed Resolution to d1P802-15-4j\_Draft\_Standard comments: S5-11, S5-16, S5-112 | |
| Abstract |  | |
| Purpose |  | |
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Proposed Resolution of to d1P802-15-4j\_Draft\_Standard comments: S5-11, S5-16, S5-112 (and S5-123, S5-128, S5-224)

**S5-11: Subclause 5.1.2.6, Page 4, Line 10**

* Comment: In the figure, coordinator switch response commands appear from nowhere. They should be originating from another entity in the MSC.
* Commentators proposed resolution: Add two more entities in the MSC, coordinator 1 and coordinator 2, each of which has an MLME and a next higher layer. Show the .indication and .response primitives for these entities.
* Must be satisfied: Yes
* Resolution: Accept in principle
* Proposed change: Rather than showing .indication and .response primitives from multiple coordinators, we showed .indication and .response primitives for unicast communication from single coordinator (figure 16c). Figure 16c illustrates the complete message sequence flow for coordinator switch request primitive.

**S5-16: Subclause 5.1.2.6, Page 6, Line 1**

* Comment: There are a few mistakes in this figure.
* Commentators proposed resolution: 1) Add the new coordinator entity, MLME and next higher layer to the figure and the associated primitives (i.e., .indication and .response). 2) Italicize the command names. 3) Change the commands to have the appropriate parameters of the command in parentheses, e.g., “Coordinator switch request (Destination Address = new coordinator extended address). 4) Change “ACK” to be “acknowledgment” 5) Add multiple channel switch notification commands separated by an elipses. 6) There must be something different in these MLME primitives from the ones sent previously, please add the parameter that identifies these as different from the ones in Figure 16b.
* Must be satisfied: Yes
* Resolution: Accept in principle
* Proposed change: Added new figures for 16b and 16c.

**S5-112: Subclause 5.1.2.6, Page 6, Line 5**

* Comment: The MLME interaction with the remote coordinators is not shown in the MSCs, yet there are two MLME primitives that are generated in the remote coordinators.
* Commentators proposed resolution: Do one of: update the MSCs to show the target coordinators, add MSCs that show the generation of the .indication and .response primitives being used, or delete coordinator switch (the best option).
* Must be satisfied: Yes
* Resolution: Accept in principle
* Proposed change: Added new figures for 16b and 16c



**Figure 16b – Coordinator switch broadcast and response**

 **Figure 16c – Coordinator switch selection and channel switch notification**