**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **Proposed comment resolution for R112, 115** | |
| Date Submitted | 10 August 2015 | |
| Source | \*[Verotiana Rabarijaona, Fumihide Kojima], †[Hiroshi Harada]  \*[NICT], †[Kyoto University]  \*[3-4, Hikarino-oka, Yokosuka, 239-0847 Japan], †[36-1 Yoshida-Honmachi, Sakyo-ku, Kyoto 606-8501 Japan] | Voice: [+81-46-847-5075]  Fax: [+81-46-847-5089]  E-mail: [rverotiana@nict.go.jp] |
| Re: | 802.15.10 Consolidated Comment Entry Form, Routing related comments | |
| Abstract | Provides a proposed resolution to Routing related comments | |
| Purpose | To be used by the technical editor to apply the necessary changes to the draft to resolve Routing related comments | |
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1. **Comment CID R112**

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| --- | --- | --- | --- | --- | --- |
| **Commenter** | **Page** | **Clause** | **Line** | **Comment** | **Proposed change** |
| Charlie Perkins | 38 | 5.4.1.4 | 47 | Are all devices required to support DAgg / payload bunding? | Tough decision :-) |

A device must be able to receive a concatenated frame and read a DCat IE. It is not required to perform DCat itself and can forward to the received frame as it is.

**Resolution: Revise**

* ***Add a new parameter DCatEnabled in the L2RLME-JOIN-MESH.request described as follows:***

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| --- | --- | --- | --- |
| **Name** | **Type** | **Valid Range** | **Description** |
| DCatEnabled | Enumeration | TRUE, FALSE | Indicates whether the device is able to perform DCat. |

* ***Insert the following text after the second paragraph of 5.4.1.4***

A device may concatenate frames if DCatEnabled is set to TRUE in the L2RLME-JOIN-MESH.request primitive. If DCatEnabled is set to FALSE and the device receives a concatenated frame, it forwards the frame without further concatenation.

1. **Comment CID R115**

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| **Commenter** | **Page** | **Clause** | **Line** | **Comment** | **Proposed change** |
| Charlie Perkins | 39 | 5.4.1.4 | 22 | Can aggregated frames be delayed for more aggregation? | Tough decision :-) |

The way the spec is written now, yes.

**Resolution: Revise**

* ***Insert the following text after the 5th paragraph of 5.4.1.4***

A device may be concatenated if the DCat field in the L2R Routing IE is set to 1. This field should be set to 0, if the data frame requires urgent transmission without the delay incurred by the DCat buffering.