**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | TG9 July Document Changes |
| Date Submitted | 15 July 2014  |
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| Re: | TG9 July Document Changes |
| Abstract | Proposed Changes to Predraft7-P802-15-9 |
| Purpose | Discuss docment changes |
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**New section prior to 4.1**

**PAN View**

The transport mechanism described in this document only works on a single link between two nodes in a PAN. These messages cannot be forwarded to further nodes. This limitation comes from the nature of KMP message size and the fragmentation mechanism defined herein.

It is conceivable that a specific KMP can avoid using the fragmentation mechanism by using the large MPDU supported by some PHYs. This is out of scope for this recommendation. If KMP support is needed between remote nodes, another mechanism providing large payload support via a fragmentation scheme, e.g. IP, may be used.

Replace Fig 1.1 with:



KMP MLME calls

Change MLME-KMP-START primatives to MLME-KMP-CREATE

 see slide 20 for .request arguments

 see slide 22 for .confirm arguments

 add .indication call and see slide 24 for arguments

 change .response call to be response to indication and see slide 26 for arguments

add MLME-KMP-FINISHED.indication

 see slide 28 for arguments

add MLME-KMP-DELETE.\* calls

 slides 29 -32 for content

Need rekey discussion based on slide 33

And what else will be need to be reworked on rekey based on slide 34?