

Project: IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)

Submission Title: [comment and proposed resolution]

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Re: []

Abstract: [Proposed resolution about comment T-CID]

Purpose: [Contribution to IEEE 802.15.7 TG-VLC]

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Comment and proposed resolution

2010. 09

Samsung Electronics

Technical comment

T-CID 193, 194, 195, 197, 198

15-10-0681-04-0007-lb57-combined-comment-sheet

193	Sridhar Rajagopal	Y	6	6.3.9	161	15	T		Blinking frequency is not defined. Recommend a 8-bit timer in multiples of 4ms. Add text at end of paragraph "The blinking frequency is set by an 8-bit timer in multiples of 4 ms. The blinking color is set according to the band plan in Table 1"	do as comment	
194	Rick Roberts	No	6	6.3.9	161		T	No	In Figure 93 change the last field name to "blinking wavelength" instead of blinking color.	As per the comment	
195	Rick Roberts	No	6	6.3.9	161	23	T	No	Modify text	In such cases, the mobile device may need needs to change the visibility indication ...	
197	Rick Roberts	No	6	6.3.9	161	24	E/T	No	Reference to point-and-shoot	Point-and-shoot is not defined in this document. Replace point-and-shoot with point-to-point. Replace here and throughout the document.	Accepted - change point-and-shoot to peer-to-peer
198	Rick Roberts	No	6	6.3.9	161	24	E/T	No	Delete text that says "For example, if the infrastructure cannot receive the uplink but the mobile is able to receive downlink, then the coordinator can indicate to mobile the lack of reception and request a visibility indicator change for the user."	Think about what this says. It says if the mobile can hear the coordinator, but the coordinator can not hear the mobile, then the coordinator show use a visibility indicator to inform the mobile user it can not hear it. Unless I'm confused, this does not make any sense. Delete this sentence.	

Technical comment CID 193, 194, 195

193	Sridhar Rajagopal	Y	6	6.3.9	161	15	T		Blinking frequency is not defined. Recommend a 8-bit timer in multiples of 4ms. Add text at end of paragraph "The blinking frequency is set by an 8-bit timer in multiples of 4 ms. The blinking color is set according to the band plan in Table 1"	do as comment	Accept
194	Rick Roberts	No	6	6.3.9	161		T	No	In Figure 93 change the last field name to "blinking wavelength" instead of blinking color.	As per the comment	Accept
195	Rick Roberts	No	6	6.3.9	161	23	T	No	Modify text	In such cases, the mobile device may need to change the visibility indication ...	Accept in principle, - suggested modified text: In such cases, the mobile device can change the visibility indication ...

Technical comment CID 197

197	Rick Roberts	No	6	6.3.9	161	24	E/T	No	Reference to point-and-shoot	Point-and-shoot is not defined in this document. Replace point-and-shoot with point-to-point. Replace here and throughout the document.	Accepted - change point-and-shoot to peer-to-peer
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- ❖ **Re consider the T-CID 197: the previous resolution is not appropriate.**
- ❖ **Point and shoot is the not just Peer to peer.**
- ❖ **Need to add the definition**
- ❖ **Point and shoot: before the transmit the data, the device can send the CVD frame to show the direction of the visibility light to the user**
- ❖ **Suggested remedy: define the point-and shoot and keep the point-and shoot.**

Technical comment CID 198

198	Rick Roberts	No	6	6.3.9	161	24	E/T	No	Delete text that says "For example, if the infrastructure cannot receive the uplink but the mobile is able to receive downlink, then the coordinator can indicate to mobile the lack of reception and request a visibility indicator change for the user."	Think about what this says. It says if the mobile can hear the coordinator, but the coordinator can not hear the mobile, then the coordinator show use a visibility indicator to inform the mobile user it can not hear it. Unless I'm confused, this does not make any sense. Delete this sentence.	
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- ❖ **Suggested remedy**
- ❖ **Modified text:**
- ❖ "For example, **during the communication between two devices or coordinators**, ~~if the infrastructure cannot receive the uplink but the mobile is able to receive downlink~~, **if the connection link is broken or failure**, the coordinator **or the device** can indicate to ~~mobile~~ **the broken link or bad connection** ~~lack of reception~~ and request a visibility indicator ~~change~~ for the user."