September 2010

#### **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** 

**TG-VLC** Submission

### Technical comment T–CID 193, 194, 195, 197, 198

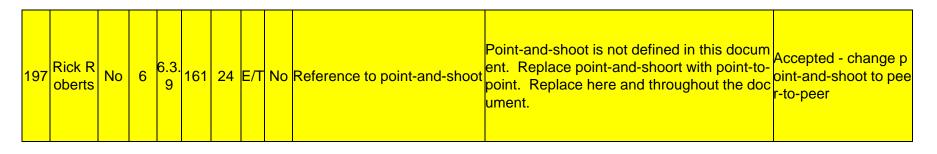
#### 15-10-0681-04-0007-lb57-combined-comment-sheet

	Sridhar Rajago pal	Y	6	6.3. 9	161	15	т		Blinking frequency is not defined. Recom mend a 8-bit timer in multiples of 4ms. Ad d text at end of paragraph "The blinking fr equency is set by an 8-bit timer in multipl es of 4 ms. The blinking color is set accor ding to the band plan in Table 1"	do as comment	
194	Rick Ro berts	No	6	6.3. 9	161		т	No	In Figure 93 change the last field name to "blinking wavelength" instead of blinking c olor.		
195	Rick Ro berts	No	6	6.3. 9	161	23	т	No	-	In such cases, the <del>mobile device may n eed needs</del> to change the visiblity indicat ion	
197	Rick Ro berts	No	6	6.3. 9	161	24	E/T	No	Peteronee to point and about	Point-and-shoot is not defined in this do cument. Replace point-and-shoort with point-to-point. Replace here and throug hout the document.	Accepted - change poin
198	Rick Ro berts	No	6	6.3. 9	161	24	E/T	No	Delete text that says "For example, if the i nfrastructure cannot receive the uplink bu t the mobile is able to receive downlink, t he coordinator can indicate to mobile the I ack of reception and request a visibility in dicator change for the user.".	he coordinator can not hear the mobile, then the coordinator show use a visiblity indicator to inform the mobile user it ca	

## Technical comment CID 193, 194, 195

	Sridhar Rajago pal	Y	6	6.3. 9	161	15	т		Blinking frequency is not defined. Re commend a 8-bit timer in multiples of 4ms. Add text at end of paragraph "T he blinking frequency is set by an 8-bi t timer in multiples of 4 ms. The blinki ng color is set according to the band plan in Table 1"	do as comment	Accept
194	Rick R oberts	No	6	6.3. 9	161		т	No	In Figure 93 change the last field nam e to "blinking wavelength" instead of blinking color.	As per the comment	Accept
195	Rick R oberts	No	6	6.3. 9	161	23	Т	No		In such cases, the <del>mobile dev</del> ice may need <del>needs</del> to chang e the visiblity indication	Accept in principle, - suggested modified text: In such cases, the <del>mobile</del> device can <del>needs</del> to change the visiblity indication

# **Technical comment CID 197**



- 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 Ro berts	No	6	6.3. 9	161	24	E/T	No	Think about what this says. It s Delete text that says "For example, if the ie mobile can hear the coordinator nfrastructure cannot receive the uplink bu he coordinator can not hear the t the mobile is able to receive downlink, t he coordinator can indicate to mobile the lindicator to inform the mobile u ack of reception and request a visibility in dicator change for the user.".	or, but t mobile, a visiblity ser it ca ed, this	
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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."