P802.15.4. Draft 13 **Summary Report**



13 E/A/W The introductory list uses a non standard format. The Editor should refer to the IEEE Standards Style Manual. # 14 **CI** 05 Global EDIT **SC** 5.1 E/A/W Gifford, lan The text that describes the components of the IEEE 802.15.4 WPAN is clear but I was expecting a figure that depicted the components of th # 15 Global EDIT SC Figure 1 E/A/W Gifford, lan The Editor has introduced a second Figure 1 (the first is in FrontMatter) which should be Figure 2 in D13. There are multiple xref instances t # 17 **CI** 05 Global EDIT SC 5.3.1 E / A / W Gifford, lan The term "Section" in sentence "Section 6 contains the specifications for the PHY layer." is incorrect. # 19 Global EDIT **SC** 5.3.2 E / A / W Gifford, lan The term "Section" in sentence "Section 7 contains the specifications for the MAC sublayer." is incorrect. # 20 **CI** 05 Global EDIT **SC** 5.4 E / A / W Gifford, lan The term "section" in sentence "This section provides a brief overview of..." is incorrect. # 21 **CI** 05 Global EDIT **SC** 5.0 E / A / W Gifford, lan The clause title "5. General Description" is incorrect. # 101 **CI** 05 Clause 5 TECH SC 5.4.5.1 1/X/W Bourgeois, Monique This does not specify whether or not "another device currently transmitting on the channel" belongs to the same network as the device. SC 5.0 # 161 **CI** 05 Clause 5 EDIT E / D / W Carmeli, Boaz up to 254... (or more) # 172 **CI** 05 MAC TECH SC 5.4.5.1 1/X/W Carmeli, Boaz It is not clear from the standard what a device should do in case of failer to transnit a beacom when the channel is busy. Should it choose a # 188 MAC TECH **SC** 5.4.3.2 1/X/W Carmeli, Boaz What happen to pending message at the network coordinator that is never requested by the relevent network node. Is there a time-to-live tin # 223 **SC** 5.5 **CI** 05 Global EDIT 1/A/W CYPHER, DAVID Clause describes primitives, yet refers to an IEEE Std 802.2-1998, which is not listed in clause 2. Also ITU-T X.210 is listed in clause 2 for I # 319 **CI** 05 MAC TECH SC 2 TF / X / W GUBBI. RAJUGOPAL essentially this sentance claims the DEVs can obtain short addresses for operation in LR-WPAN. Nowhere in the draft the procedure requir # 320 **CI** 05 MAC TECH **SC** 2 TF / X / W GUBBI, RAJUGOPAL The first sentence in second complete para in 5.2 claim that DEVs can talk to each other without NC. How do they detect each other? How i # 321 **CI** 05 MAC TECH SC 2.1.1 TF / X / W GUBBI, RAJUGOPAL Sentence here claims that a network ID is chosen that is not currently in use by any other network within the radio range. How? What mech # 322 **CI** 05 MAC TECH SC 2.1.1 TF / X / W GUBBI. RAJUGOPAL How is the network identifier obtained at a DEV? No where in this draft the mechanism needed for such a distribution nor the frame formats # 323 MAC TECH SC 2.1.1 TF / X / W GUBBI. RAJUGOPAL This sentence claims that task of joining a network occurs above the MAC layer. What does this mean in terms of frame format used and un # 324 MAC TECH SC 2.1.2 TF / X / W GUBBI. RAJUGOPAL The use of word "although" implies that peer-peer network can operate with or without NC. But there is no description of such an operation

This sentence claims that NC can be nominated. What if there are multiple DEVs with same network ID waking at the same time and startin

SC 2.1.2

MAC TECH

325

TF / X / W GUBBI. RAJUGOPAL

P802.15.4. Draft 13 Comment Status **Summary Report** CommentType Response Status # 326 **SC** 2.1.2 TF / X / W GUBBI, RAJUGOPAL CI 05 MAC TECH This sentence claims that NC can be nominated. What if there are multiple DEVs with same network ID waking at the same time, starting sc # 331 **CI** 05 Cluster-Tree Team **SC** 2.1.3 GUBBI, RAJUGOPAL What is this "predefined time period" # 339 TF/X/W The claim of "time slot maintenance" in the MAC is ambiguous. There are no mechanisms defined for GTS request, allocation and deallocati # 340 **CI** 05 MAC TECH **SC** 3.2 TF / X / W GUBBI, RAJUGOPAL The claim of "Guaranteed packet delivery" in the MAC is ambiguous. There is no receovery mechanism if the max retry has reached. Isn't it? **SC** 3.2 # 341 MAC TECH TF / X / W GUBBI, RAJUGOPAL This claims list does not cover all that is claimed in clause 5. Where are others like power management, security, association/disassociation **SC** 4.3 # 351 **CI** 05 MAC TECH TF / X / W GUBBI, RAJUGOPAL These lines are not clear enough. If beacon is needed for network connection purposes and if NC is currently not sending beacons because # 352 **CI** 05 MAC TECH SC 4.3.1 TF / X / W GUBBI. RAJUGOPAL These lines are not clear enough. if beacons are absent doesn't the clock drift at DEVs make the slotted CSMA/CA timings to get misaligned TF / X / W GUBBI, RAJUGOPAL # 353 **CI** 05 MAC TECH **SC** 4.3.2 how does a node request data (after periodically listening) pending at the NC? (same is true for lines 22:26 on page 18). There is no description # 354 MAC TECH **SC** 4.3.3 TF / X / W GUBBI, RAJUGOPAL how do devices sync up to slotted CSMA/CA timings without beacon? Who distributes the short addresses in the absence of NC? # 356 **CI** 05 MAC TECH **SC** 4.3.3 TF / X / W GUBBI, RAJUGOPAL In peer-peer mode, how do devices discover each other? **CI** 05 # 431 PHY TECH SC 1/X/W Gutierrez. Jose We need to add information related to the need of the sync burst packet. Nowhere in the whole document is mention the need of this function