55   **T / X / O**   Bourgeois, Monique

What if a device receives a primitive that it does not understand? How is this handled?

101   **CI** 05   *Clause 5 TECH*   **SC** 5.4.5.1   **T / X / O**   Bourgeois, Monique

This does not specify whether or not "another device currently transmitting on the channel" belongs to the same network as the device.

105   **CI** 07   *MAC TECH*   **SC** Table 68   **T / X / O**   Bourgeois, Monique

Some of the MAC PIB objects are not referenced anywhere in the draft.

109   **CI** 07   *MAC TECH*   **SC** Table 64   **T / X / O**   Bourgeois, Monique

This is the only mention of multicast/broadcast frames.

113   **CI** 07   *MAC TECH*   **SC** 7.5.2.2.1   **T / X / O**   Bourgeois, Monique

Does a network coordinator change its macFrameOrder to 15 when it enters snooze mode?

114   **CI** 07   *MAC TECH*   **SC** 7.5.2.1   **T / X / O**   Bourgeois, Monique

What if two networks do somehow choose the same network ID? How would this conflict be resolved?

162   **CI** 05   *Cluster-Tree Team*   **SC** 5.2   **TR / X / O**   Carmeli, Boaz

Cluster-tree seems to be a topology of its own. It has different settings and behaviors described along many sections in this standard. It se

165   **CI** 05   *Cluster-Tree Team*   **SC** 5.2.1.3   **TR / X / O**   Carmeli, Boaz

The description of the cluster tree topology is not clear. Can simple network node transmit a beacon? if so - is it a peer to peer communicatio

188   **CI** 05   *MAC TECH*   **SC** 5.4.3.2   **T / X / O**   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 ti

242   **CI** 07   *MAC TECH*   **SC** 7.1.1.4.3   **TR / X / O**   CYPHER, DAVID

No action is described for the behavior when the status is DISCARD_PACKET, unless storing packet segments at a null memory address is

263   **CI** 06   *MAC TECH*   **SC** 6.3.1.3.3   **T / X / O**   CYPHER, DAVID

This clause states that, "The effect on receipt of this primitive by the MAC sublayer is unspecified." Is this statement made because there is

316   **CI** 00   *Team EDIT*   **SC** ALL   **TR / X / O**   GUBBI, RAJUGOPAL

Atleast as for as the MAC portions are concerned, this document is at best a requirements document. This does not describe the mechanis

317   **CI** 00   *Team EDIT*   **SC** ALL   **TR / X / O**   GUBBI, RAJUGOPAL

The list of features claimed in various parts of this draft and the requirements are very similar to those listed for 802.15.3. While 802.15.3 (L

318   **CI** 00   *Team EDIT*   **SC** ALL   **TR / X / O**   GUBBI, RAJUGOPAL

320   **CI** 05   *MAC TECH*   **SC** 2   **TR / X / O**   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   **TR / X / O**   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

327   **CI** 05   *Cluster-Tree Team*   **SC** 2.1.2   **E / X / O**   GUBBI, RAJUGOPAL

This sentence uses such things as "designated parent" and "child" nodes without first defining them.

328   **CI** 05   *Cluster-Tree Team*   **SC** 2.1.2   **TR / X / O**   GUBBI, RAJUGOPAL

If in a cluster tree topology, the devices may only communicate with theire designated parent and child nodes, how is the data forwarding

329   **CI** 05   *Cluster-Tree Team*   **SC** 2.1.3   **TR / X / O**   GUBBI, RAJUGOPAL
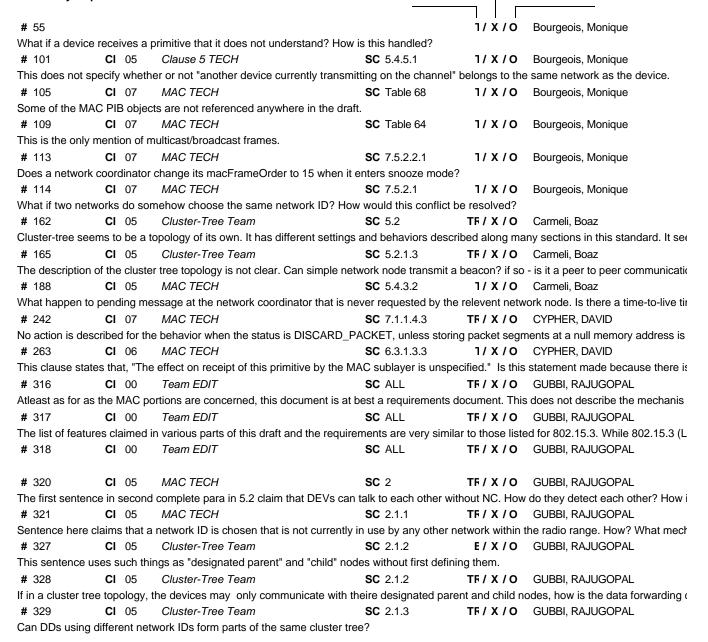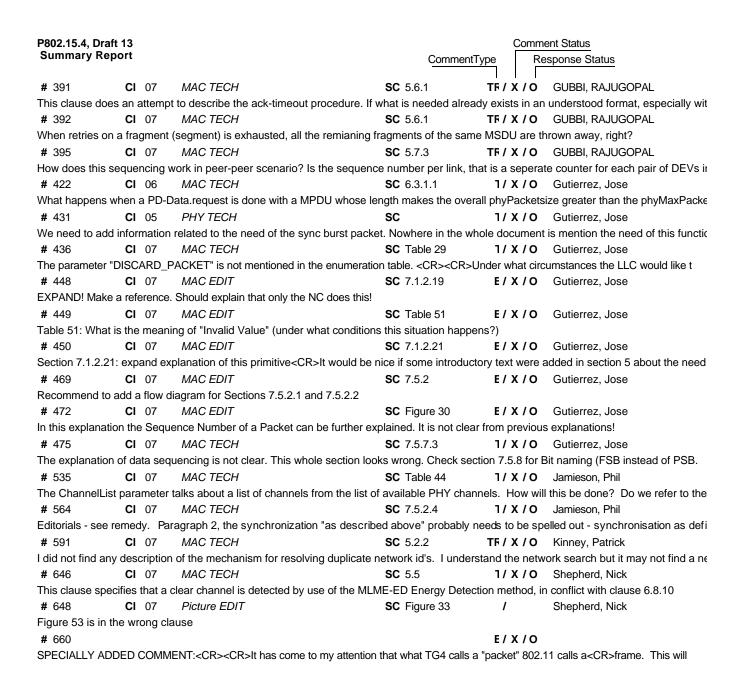
Can DDs using different network IDs form parts of the same cluster tree?

Comment Type: TR/technical required   T/technical   E/editorial
Comment Status: X/received   D/dispatched for consideration   A/accepted   R/rejected
Response Status: O/open   W/written   C/closed   U/unsatisfied   Z/withdrawn

Page 1 of 3

 # 330   **CI** 05   *Cluster-Tree Team*   **SC** 2.1.3   **TF / X / O**   GUBBI, RAJUGOPAL

This entire paragraph describes the DD nomination and cluster formation from a user/requirement point of view. But no where in the draft th

 # 331   **CI** 05   *Cluster-Tree Team*   **SC** 2.1.3   **/**   GUBBI, RAJUGOPAL

What is this "predefined time period"

 # 334   *Cluster-Tree Team*   **TF / X / O**

Assuming that a mechanism for DDs to syncup to complete a data transaction is defined, how is that a particular path from a originating DE

 # 336   **CI** 05   *Cluster-Tree Team*   **SC** 2.1.3   **TF / X / O**   GUBBI, RAJUGOPAL

What happens when a DD wants to leave? How is the new one chosen and the information transferred to the new one? What happens if t

 # 337   **CI** 05   *Cluster-Tree Team*   **SC** 2.1.3   **TF / X / O**   GUBBI, RAJUGOPAL

What happens when a NC wants to leave? How is the new one chosen and the information transferred to the new one? What happens if t

 # 338   **CI** 05   *Cluster-Tree Team*   **SC** 3   **TF / X / O**   GUBBI, RAJUGOPAL

Stating that the required mechansims are in an higher layer and it is out of scope for this draft, does not help in realizing an implementation

 # 340   **CI** 05   *MAC TECH*   **SC** 3.2   **TF / X / O**   GUBBI, RAJUGOPAL

The claim of "Guaranteed packet delivery" in the MAC is ambiguous. There is no receoovery mechanism if the max retry has reached. Isn't it?

 # 345   **CI** 00   *MAC TECH*   **SC** ALL   **TF / X / O**   GUBBI, RAJUGOPAL

Power management completely escapes the draft except the mention of its requirement in 5.4.1. For example there is absolutely nothing in t

 # 347   **CI** 07   *MAC TECH*   **SC** 4   **TF / X / O**   GUBBI, RAJUGOPAL

Choose macBaseFrameDuration to be a power of 2. It eases the implementation of timers to be 'm' bit wide. Otherwise it depends on the 'm

 # 348   **CI** 05   *Cluster-Tree Team*   **SC** 4.2   **TF / X / O**   GUBBI, RAJUGOPAL

If NCs chose the macFrameOrder, how is this made uniform in cluster-trees? how do DDs exchange this info across the clusters?

 # 349   **CI** 05   *Cluster-Tree Team*   **SC** 2.1.3   **TF / X / O**   GUBBI, RAJUGOPAL

How do DDs propagate info from NCs beacon, if one is present? Do they send pseudo beacons? or they just don't care.

 # 350   **CI** 05   *Cluster-Tree Team*   **SC** 2.1.3   **TF / X / O**   GUBBI, RAJUGOPAL

How do a DEV in a cluster-tree sync up for slotted CSMA/CA timings with other DEVs that are so far apart from itself but close enough to b

 # 352   **CI** 05   *MAC TECH*   **SC** 4.3.1   **TF / X / O**   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

 # 354   **CI** 05   *MAC TECH*   **SC** 4.3.3   **TF / X / O**   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 / O**   GUBBI, RAJUGOPAL

In peer-peer mode, how do devices discover each other?

 # 367   **CI** 07   *MAC TECH*   **SC** 1.1.1.1   **TF / X / O**   GUBBI, RAJUGOPAL

msduLength: The term MSDU is used for the chunk of bytes rxd from higher layer which is fragmented into packets by the MAC (clause 3 a

 # 381   **CI** 07   *MAC TECH*   **SC** 5.2.1   **TF / X / O**   GUBBI, RAJUGOPAL

What does sending a data packet with broadcast network ID do to the snoozing NCs? It is not one of the stimulus listed in 7.5.2.2.1 anyway!

 # 382   **CI** 07   *MAC TECH*   **SC** 5.2.2.1   **TF / X / O**   GUBBI, RAJUGOPAL

if NC is snoozing how do non-NC-capable DEVs detect the presence of NC

 # 384   **CI** 07   *MAC TECH*   **SC** 5.2.2.1   **TF / X / O**   GUBBI, RAJUGOPAL

This means that the NC must be awake-enough to receive a packet, demodulate it, check CRC, decode the packet type. So what is remaini

 # 391   **CI** 07   *MAC TECH*   **SC** 5.6.1   **TR / X / O**   GUBBI, RAJUGOPAL

This clause does an attempt to describe the ack-timeout procedure. If what is needed already exists in an understood format, especially wit

 # 392   **CI** 07   *MAC TECH*   **SC** 5.6.1   **TR / X / O**   GUBBI, RAJUGOPAL

When retries on a fragment (segment) is exhausted, all the remianing fragments of the same MSDU are thrown away, right?

 # 395   **CI** 07   *MAC TECH*   **SC** 5.7.3   **TR / X / O**   GUBBI, RAJUGOPAL

How does this sequencing work in peer-peer scenario? Is the sequence number per link, that is a seperate counter for each pair of DEVs in

 # 422   **CI** 06   *MAC TECH*   **SC** 6.3.1.1   **T / X / O**   Gutierrez, Jose

What happens when a PD-Data.request is done with a MPDU whose length makes the overall phyPacketsize greater than the phyMaxPacke

 # 431   **CI** 05   *PHY TECH*   **SC**   **T / X / O**   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 functio

 # 436   **CI** 07   *MAC TECH*   **SC** Table 29   **T / X / O**   Gutierrez, Jose

The parameter "DISCARD_PACKET" is not mentioned in the enumeration table. <CR><CR>Under what circumstances the LLC would like t

 # 448   **CI** 07   *MAC EDIT*   **SC** 7.1.2.19   **E / X / O**   Gutierrez, Jose

EXPAND! Make a reference. Should explain that only the NC does this!

 # 449   **CI** 07   *MAC EDIT*   **SC** Table 51   **E / X / O**   Gutierrez, Jose

Table 51: What is the meaning of "Invalid Value" (under what conditions this situation happens?)

 # 450   **CI** 07   *MAC EDIT*   **SC** 7.1.2.21   **E / X / O**   Gutierrez, Jose

Section 7.1.2.21: expand explanation of this primitive<CR>It would be nice if some introductory text were added in section 5 about the need

 # 469   **CI** 07   *MAC EDIT*   **SC** 7.5.2   **E / X / O**   Gutierrez, Jose

Recommend to add a flow diagram for Sections 7.5.2.1 and 7.5.2.2

 # 472   **CI** 07   *MAC EDIT*   **SC** Figure 30   **E / X / O**   Gutierrez, Jose

In this explanation the Sequence Number of a Packet can be further explained. It is not clear from previous explanations!

 # 475   **CI** 07   *MAC TECH*   **SC** 7.5.7.3   **T / X / O**   Gutierrez, Jose

The explanation of data sequencing is not clear. This whole section looks wrong. Check section 7.5.8 for Bit naming (FSB instead of PSB.

 # 535   **CI** 07   *MAC TECH*   **SC** Table 44   **T / X / O**   Jamieson, Phil

The ChannelList parameter talks about a list of channels from the list of available PHY channels. How will this be done? Do we refer to the

 # 564   **CI** 07   *MAC TECH*   **SC** 7.5.2.4   **T / X / O**   Jamieson, Phil

Editorials - see remedy. Paragraph 2, the synchronization "as described above" probably needs to be spelled out - synchronisation as defi

 # 591   **CI** 07   *MAC TECH*   **SC** 5.2.2   **TR / X / O**   Kinney, Patrick

I did not find any description of the mechanism for resolving duplicate network id's. I understand the network search but it may not find a ne

 # 646   **CI** 07   *MAC TECH*   **SC** 5.5   **T / X / O**   Shepherd, Nick

This clause specifies that a clear channel is detected by use of the MLME-ED Energy Detection method, in conflict with clause 6.8.10

 # 648   **CI** 07   *Picture EDIT*   **SC** Figure 33   **T /**   Shepherd, Nick

Figure 53 is in the wrong clause

 # 660   **E / X / O**

SPECIALLY ADDED COMMENT:<CR><CR>It has come to my attention that what TG4 calls a "packet" 802.11 calls a<CR>frame. This will

Comment Type: TR/technical required T/technical E/editorial
Comment Status: X/received D/dispatched for consideration A/accepted R/rejected
Response Status: O/open W/written C/closed U/unsatisfied Z/withdrawn

Page 3 of 3