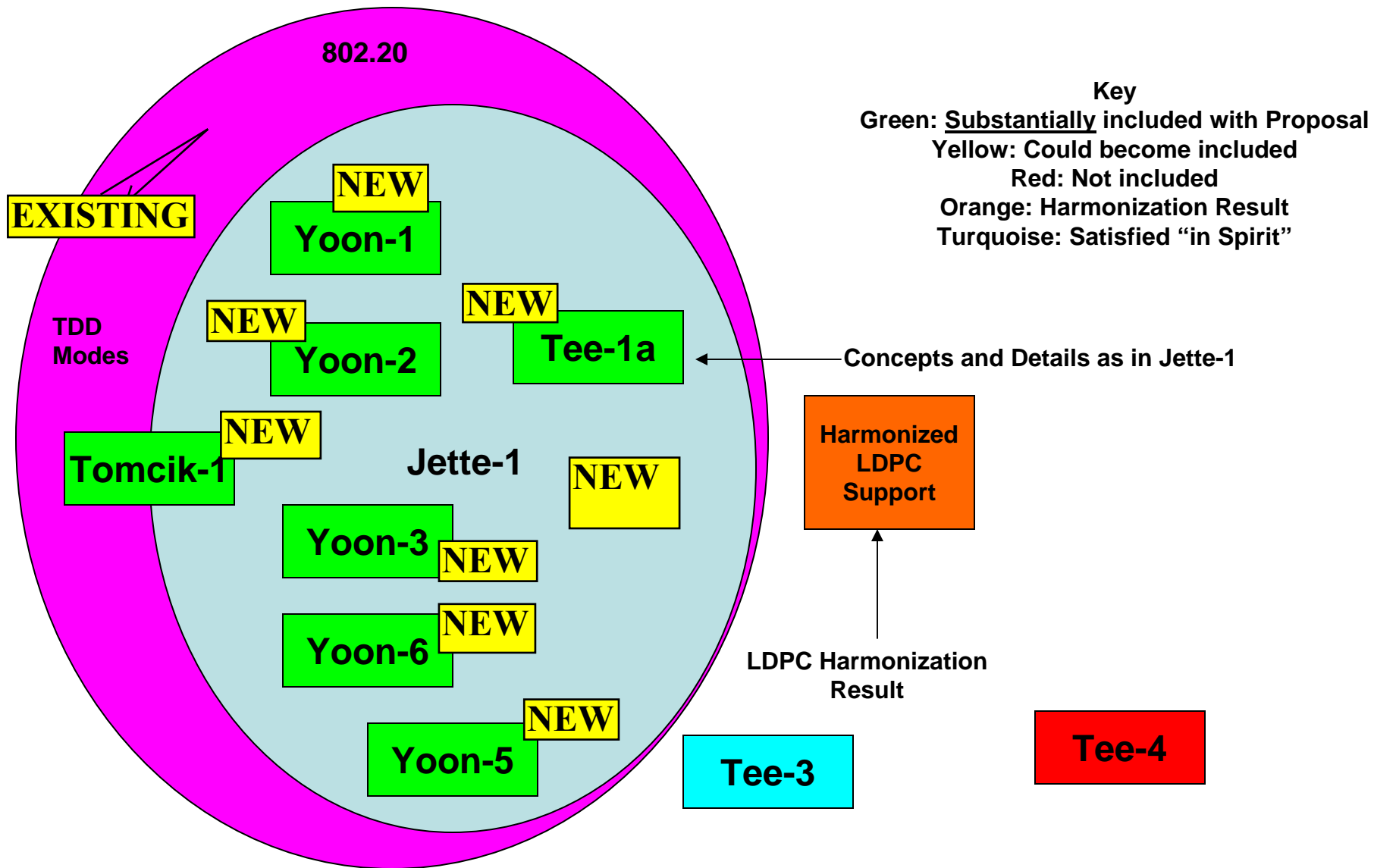


| | | | |
|-----------------------|--|------------------------|---------------------|
| Project | IEEE 802.20 Working Group on Mobile Broadband Wireless Access < http://grouper.ieee.org/groups/802/20/ > | | |
| Title | Negative impacts (and proposed resolution) of use of the D01.m draft for ballot comments. | | |
| Date Submitted | 5 May 2007 | | |
| Source(s) | Val Oprescu | voprescu@motorola.com; | Tel: 1-847-435-0053 |
| Re: | Practice Letter Ballot | | |
| Abstract | Contribution looks at issues related to draft D01.m and suggests solutions. | | |
| Purpose | Discussion and approval. | | |
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Proposed final status of the Draft

Note: No Scale Implied – Only Relationships



How people associated with the new proposals polled ?

- Based on poll taken on 04/25/07, at the end of 1st editorial group meeting, on the question: “Is the document that is currently posted ready and appropriate for practice ballot ?”
- For completeness: Kyocera voted **YES**.

| New Proposal | Affiliation of Proposal's Sponsor in the Editorial Group | Vote |
|--------------|--|----------------|
| Jette-1 | Motorola | NO |
| Tee-1a | Samsung | NO |
| Tomcik-1 | Qualcomm | YES |
| Yoon-1 | LG. | ABSTAIN |
| Yoon-2 | LG | |
| Yoon-3 | LG | |
| Yoon-5 | LG. | |
| Yoon-6 | LG | |

Food for thought...

- **The composition of the Editorial Group was chosen to give a voice to each new proposal. *Shouldn't, at minimum, the proponents be pretty much satisfied with the new draft ?***

- **This ballot is performed on a draft that was not approved as baseline by the WG. It was rationalized that since it is “only” a Practice rather than official letter ballot, consensus in the Editorial Group was enough. *Shouldn't there be consensus in the Editorial Group that the document is appropriate to proceed?***

So, what's the harm ?

How do the shortcomings of the
current draft affect the ballots

Consequences of not enough upfront information

- It is not fully obvious how the pre-March meeting 800+ pages document was combined with the 1100+ pages UMB-based document.
- Many people will just not write comments on parts that they do not understand.
- It was made clear that using ballot comments merely to ask questions (without proposing solutions) is discouraged.
- There was no presentation of the new draft prior to sending it out for comment.

Consequences of not enough upfront information (cont.)

- Therefore:
 - Hard to understand draft
 - Hard to write comments on
 - Hard to ask questions
- Loss of benchmark: even if only a small number of comments is received, it cannot be said that the draft is ready to advance in a new phase.
- Proposed solution:
 - Request the Editor to introduce a revision-marked document and give a presentation on how the document was put together; answer questions, as necessary.

Selective and silent disappearance of text

- Material in the MAC sections dealing with TDD 2:1 and general partitioning from D2.1 (one example: on pages 408-41) has never made it in D0.1m.
- Supporting material in the Physical Layer sections dealing with TDD 2:1 and general partitioning from D2.1 (one example: on pages 628-629) has never made it in D0.1m.
- Note: with the MC-625k part fairly stable by now and with the FDD part based to a large extent on UMB, this group may want to focus on TDD.
Hard to do, when the TDD text disappears!

Consequences of selective and silent disappearance of text

- A comment to add 2:1 (and higher) TDD partitioning back in 802.20 will now need to obtain a 75% majority.
- Missing text means reduced opportunity for the membership to look for solutions.
- Even if someone notices the absence of functionality, the likely comment is first to getting it back in the draft; proposing improvements becomes secondary.
- Less likely to propose alternatives and optimizations on something that does not exist.
- Proposed solution:
 - Add the removed text to the draft
 - If concerned about related technical issues, publicly call for solution proposals

Example of impact on Quality of the draft

- Lack of early discussion in the ETG has lead to NO explicit editorial policy on how to treat references.
- Like in any standard, some references only provide extra information and are provided for completeness and convenience.
- Other references, however, are essential for understanding and implementing the standard.

Example of impact on Quality of the draft (cont.)

- Text in UMB (RLP section) and in D0.1m page 87:
 - Otherwise, set the QoS_ATTRIBUTE_SET_ID field of the accepted Reservation in ReservationOnAccept message to the value of any QoS_ATTRIBUTE_SET_ID field in the corresponding ReservationKKQoSRequestFwd (for Forward Link Reservation) or ReservationKKQoSRequestRev (for Reverse Link Reservation) attribute (see [12]).
- The reference [12] (pointing to 3GPP2 X.S0011 in UMB) has been silently dropped in D0.1m (several places).
- This is an essential reference without which the requirement cannot be well understood or implemented.

Consequences

- Therefore:
 - it is an introduced error, non-existent in the original source
 - it is not easy to notice without mark-ups
 - it's impact is not easy to grasp
- Although it may seem minor, it shows the impact of how a lack of agreed-upon editorial policy on how to put the draft together can affect the draft's quality and implementability.
- Proposed Solution:
 - Add the reference
 - Set up a systematic policy of treating references

Conclusion

Draft D0.1m has several significant issues that negatively impact the ballot comments generated, the credibility of the PLB and, ultimately, the final product.

Recommendation

The Practice Letter Ballot be repeated on an agreed-upon revision-marked draft which corrects the identified problems.