IEEE P802.11  
Wireless LANs

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| Minutes for TG REVmc Teleconferences Feb 2014 | | | | |
| Date: 2014-02-21 | | | | |
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Abstract

Minutes for the TGm REVmc telecons:

1. 2014-02-07 – GEN Comments: May vs Might, Personal vs Directional, Keep alive PS-Poll,
2. 2014-02-14 - cancelled
3. 2014-02-21 – 11ad Comments, Adrian Assigned Comments, Recycled comment review
4. 2014-02-28 – 11-14-0207 and 11-14-0263

2014-03-12 -- - GEN comments (2189, 2099) and MAC comments (2125, 2126, 2143): <https://mentor.ieee.org/802.11/dcn/13/11-13-1314-15-000m-some-lb199-proposed-resoluitons.doc>   
- GEN comments: <https://mentor.ieee.org/802.11/dcn/14/11-14-0263-03-000m-more-lb199-gen-comment-resolutions.docx>   
- MAC and GEN comments: <https://mentor.ieee.org/802.11/dcn/14/11-14-0207-01-000m-lb199-stephens-comments.doc>

- CID 2434, see <https://mentor.ieee.org/802.11/dcn/13/11-13-0115-09-0arc-considerations-on-ap-architectural-models.doc>   
- 11-14-0275 CIDs 2094 and 2185

Note that teleconferences are subject to IEEE policies and procedures; see:

[IEEE-SA PATENT POLICY](http://standards.ieee.org/board/pat/pat-slideset.ppt)  
[IEEE CODE OF ETHICS](http://www.ieee.org/web/membership/ethics/code_ethics.html)   
[IEEE-STANDARDS ASSOCIATION (IEEE-SA) AFFILATION FAQ](http://standards.ieee.org/faqs/affiliationFAQ.html)   
[IEEE-SA ANTITRUST AND COMPETITION POLICY](http://standards.ieee.org/resources/antitrust-guidelines.pdf)   
[IEEE-SA LETTER OF ASSURANCE (LOA) FORM](http://standards.ieee.org/board/pat/loa.pdf)   
[IEEE-SA STANDARDS BOARD PATENT COMMITTEE (PATCOM) INFORMATION](http://standards.ieee.org/board/pat/index.html)   
[IEEE-SA PATENT FAQ](http://standards.ieee.org/board/pat/faq.pdf)   
[IEEE 802 LAN/MAN STANDARDS COMMITTEE POLICIES & PROCEDURES](http://www.ieee802.org/policies-and-procedures.pdf)   
[IEEE](http://www.ieee802.org/PNP/2008-11/LMSC_OM_approved_081114.pdf) 802.11 Working Group Policies and procedures

1. **Minutes for the TG REVmc teleconference on February 7, 2014**
   1. Proposed Agenda:
2. Call to order, Patent Policy, Attendance
3. Editor Report
4. Comment Resolution and available presentations
   1. CID 2488, see <https://mentor.ieee.org/802.11/dcn/13/11-13-1399-09-000m-some-lb199-proposed-comment-resolutions.docx>
   2. <https://mentor.ieee.org/802.11/dcn/14/11-14-0206-00-000m-keep-alive-should-include-ps-poll.docx>
   3. "May with Might" tab comments, see <https://mentor.ieee.org/802.11/dcn/13/11-13-1160-05-000m-lb199-gen-adhoc-comments.xls>  and <https://mentor.ieee.org/802.11/dcn/14/11-14-0209-00-000m-lb199-proposed-comment-resolutions.docx>
   4. “Personal vs Directional” tab comments, see<https://mentor.ieee.org/802.11/dcn/13/11-13-1160-05-000m-lb199-gen-adhoc-comments.xls> and <https://mentor.ieee.org/802.11/dcn/14/11-14-0221-01-000m-lb199-gen-comment-resolutions.docx>
   5. <https://mentor.ieee.org/802.11/dcn/12/11-12-1345-02-000m-pre-ballot-802-11-2012-resolutions-for-pics.docx>
5. AOB
6. Adjourn
   1. Called to order by Dorothy STANLEY, Chair of TG REVmc at 10:04 am; Items 3.4 and 3.5 above were added to the agenda.
   2. Call for Patents - Review Patent Policy and Meeting Policy
      1. None identified
   3. Attendance: Dorothy STANLEY, Aruba; Adrian STEPHENS, Intel; Mark RISON (Samsung), Joseph LEVY (Interdigital)
   4. Editor Report – Adrian STEPHENS
      1. D2.4 which incorporates the 11ac amendment will be posted shortly. The editorial review panel comments have been incorporated (about 80 comments)
   5. Comment resolution: CID 2488, see <https://mentor.ieee.org/802.11/dcn/13/11-13-1399-09-000m-some-lb199-proposed-comment-resolutions.docx>
      1. CID 2488 – agree to rejected resolution: “Existing devices support current regulations: 13ms max; it is not necessary to signal conformance to the existing rules.
      2. Discussion on notes from prior meeting re: 11ac ANA entries. Editor reviewed ANA status: All 11ac ANA assignments are made. Also, while an addition might be made to the ANA registry, the published standard is definitive.
   6. Review of 11-14/0206r0, <https://mentor.ieee.org/802.11/dcn/14/11-14-0206-00-000m-keep-alive-should-include-ps-poll.docx> . The text was discussed in the January meeting.
      1. Discussion: would the change make existing implementations non-compliant? Few if any existing implementations exist. Understanding is that implementations under development behave as per 11-14-0206.
      2. Agree to incorporate the text changes in 111-14-0206. Chair will include this in the telecon motion at the March meeting.
   7. "May with Might" tab comments, see <https://mentor.ieee.org/802.11/dcn/13/11-13-1160-05-000m-lb199-gen-adhoc-comments.xls>  and <https://mentor.ieee.org/802.11/dcn/14/11-14-0209-00-000m-lb199-proposed-comment-resolutions.docx>
      1. Review of all CIDs in 11-14-0209 completed, and agreed resolutions are posted in <https://mentor.ieee.org/802.11/dcn/14/11-14-0209-01-000m-lb199-proposed-comment-resolutions.docx> . CIDs are: 2257, 2279, 2278, 2273, 2272, 2270, 2269, 2223, 2260, 2295, 2256, 2254, 2248, 2247, 2244, 2243, 2239, 2264, 2305, 2397, 2396, 2394, 2393, 2311, 2310, 2309, 2281, 2307, 2284, 2302, 2301, 2300, 2299, 2298, 2297, 2400, 2308
      2. Discussion: CIDs for which changes were made to the proposed resolution:
         1. CID 2273 – Insert “might”. Agree to Revised resolution: ““Services might include virtual local area network (VLAN) mapping… and tunnel establishment”
         2. CID 2272 – Some rewording of the proposed changes to the first sentence. Agree to Revised resolution in <https://mentor.ieee.org/802.11/dcn/14/11-14-0209-01-000m-lb199-proposed-comment-resolutions.docx>
         3. CID 2223 – Discussion: Change to “Revised”, change “may be” to “is”
         4. CID 2260 – Edits to proposed revised resolution: At P61L51 change “may” to “can” At P61L53, delete “may” L55, change “may” to “might”
         5. CID 2295 – Discussion: change to “Revised” resolution : “At 87.43, Change “may” to “might”
         6. CID 2256 – Discussion – Change to “Revised” resolution: “Change from “The duration a STA may transmit” to “The duration the STA transmits” And From “These transmissions may also be subject” to “These transmissions might also be subject to”
         7. CID 2298 discussion: changed to Revised
         8. CID 2309 discussion: changed to Revised
         9. CID 2244 discussion: changed to Accepted
         10. CID 2254 discussion: changed to Revised
   8. “Personal vs Directional” tab comments, see<https://mentor.ieee.org/802.11/dcn/13/11-13-1160-05-000m-lb199-gen-adhoc-comments.xls> and <https://mentor.ieee.org/802.11/dcn/14/11-14-0221-01-000m-lb199-gen-comment-resolutions.docx>
      1. CIDs 2212, 2200 (GEN) – Agree to Rejected resolution: “Personal is a descriptive term that reflects the anticipated use cases.”
      2. CID 2204 (GEN) – Agree to Rejected resolution: “The CBAP applies to all DMG BSSs, whether PBSS, infrastructure BSS or IBSS, when EDCA is used. The definition is as stated in the CBAP definition, and no further clarification is needed. Personal is a descriptive term that reflects the anticipated use cases.”
      3. CID 2201 (GEN) – Agree to Rejected resolution: “The access period applies to all DMG BSSs, whether PBSS, infrastructure BSS or IBSS, with associated channel access rules. The definition is as stated in the “access period” definition, and no further clarification is needed. Personal is a descriptive term that reflects the anticipated use cases.”
      4. CID 2183 – Discussion, needs more work. Several published 11ad references are not correct. 8.4.2.137 changes to 8.4.2.127.2. At 2383.10, delete the 10.3 reference. Adrian has also done work on this comment and will generate the proposed resolution.
   9. <https://mentor.ieee.org/802.11/dcn/12/11-12-1345-02-000m-pre-ballot-802-11-2012-resolutions-for-pics.docx>
      1. Mark RISON reviewed the changes he made to the document based on the discussion in the January 2014 meeting. Agreement with the direction of the changes.
   10. AOB
       1. Reminder: next call is scheduled for Feb 14th (since cancelled) same time: 10am Eastern.
       2. Expect to review resolutions in document 11-14-0207 (Adrian) and “GEN Review” tab in 11-13-1160 (Dorothy) on the next call.
   11. Adjourned at 11:40 ET.
7. **Teleconference for 14 February 2014 was cancelled.**
8. **Minutes for the TG REVmc teleconference on February 21, 2014**
   1. Proposed Agenda:

1. Call to order, patent policy, attendance  
2. Editor report  
3. Comment resolution

- 11ad comments, see <https://mentor.ieee.org/802.11/dcn/14/11-14-0236-00-000m-resolution-to-11ad-related-cids.docx>   
- 11-14-0230, see <https://mentor.ieee.org/802.11/dcn/14/11-14-0230-00-000m-lb199-cid2156-resolution.doc>   
- Approved January comments requiring further input - Adrian  
11-14-0207 - to be posted

4. AOB  
5. Adjourn

* 1. Called to order by Dorothy STANLEY, Chair of TG REVmc at 10:04 am ET;
  2. Agenda approved without objection
  3. Call for Patents - Review Patent Policy and Meeting Policy
     1. None identified
  4. Attendance: Dorothy STANLEY, (Aruba); Adrian STEPHENS, (Intel); Mark RISON (Samsung); Carlos CORDEIRO (Intel); Mark HAMILTON (SpectraLink) ; Jon Rosdahl (CSR)
  5. Editor Report – Adrian STEPHENS
     1. D2.5 has been reviewed and will be posted to the members area for use in March Meeting
  6. Comment Resolution:
     1. - Start with 11-14/236r0 Carlos Cordeiro – 11ad comments see <https://mentor.ieee.org/802.11/dcn/14/11-14-0236-00-000m-resolution-to-11ad-related-cids.docx>
     2. Then proceed to 11-14-0230, see <https://mentor.ieee.org/802.11/dcn/14/11-14-0230-00-000m-lb199-cid2156-resolution.doc>
     3. **Review 11-14/236r0**
        1. CID 2084
           1. Review Comment
           2. Proposed Resolution: Accept
        2. CID 2097 MAC
           1. Review Comment
           2. Proposed Resolution: Revised – make changes as noted in 11-14/236r0 for CID 2097 MAC
           3. No objection – mark ready for motion
        3. CID 2077 MAC
           1. Review Comment
           2. Proposed Resolution: Revised – make changes as noted in 11-14/236r0 for CID 2077
           3. No Objection – mark ready for motion
        4. CID 2103 MAC
           1. Review Comment
           2. **Discussion:** to follow the same write up as in the next paragraph and next-to-next paragraph, propose to simplify the text and only refer to MID and BC subphases.
           3. **Change “a MID subphase with” with “both”**
           4. Proposed Resolution: Revised – make changes as noted in 11-14/236r0 for CID 2103
           5. No Objection – mark ready for motion
        5. CID 2082 MAC
           1. Review Comment
           2. **Discussion:** The figure number should be 9-59 at P1314L61. Also, for some reason Figure 9-59 is shown before Figure 9-58
           3. **Proposed Resolution:** Revised: *Change the title of Figure 9-59 to* “Example of skipping the BRP setup subphase (SLS in DTI)”
           4. No Objection – mark ready for motion
        6. CID 2104 MAC
           1. Review comment
           2. The cited location did not have the “=” error noted in the comment, but it was in 9-58
           3. Proposed resolution: Revised – make changes as noted in 11-14/236r1 for CID 2104
        7. CID 2180 and 2181 GEN
           1. Review Comment
           2. Proposed Resolution: accept (for both)
           3. No objection – mark ready for motion
        8. CID 2133 MAC
           1. Review Comment

**Discussion:**

The use of “shall adopt” in this case is incorrect. The STA does not “adopt” as such, but instead obtains those parameters as transmitted by the PCP/AP and uses that information to determine its behavior.

Hence, there is no need for the noted sentence to be normative.

Also, need to correct reference in the same paragraph

Shall adopt is generally used to describe things in the IBSS where timing is needed. The cited texted may not be the general IBSS case. (yes this is not the IBSS case).

* + - * 1. Proposed Resolution: Revised - make changes as noted in 11-14/236r1 for CID 2133
        2. No objection – mark ready for motion
      1. CID 2144 MAC
         1. Review Comment
         2. **Discussion:** The first occurrence of “PBSS information” is premature, since it will be defined later in the same paragraph. So, propose to remove the first reference to “PBSS information” and defined it later. By doing so, the second paragraph can also be simplified.
         3. Proposed Resolution: Revised - make changes as noted in 11-14/236r1 for CID 2144
         4. No objection – mark ready for motion
      2. CID 2149 MAC
         1. Review comment
         2. Proposed Resolution: Revised - make changes as noted in 11-14/236r1 for CID 2149
         3. No objection – mark ready for motion
      3. CID 2113 MAC
         1. Review comment
         2. Proposed Resolution: Revised – *Remove the indicated paragraph*
         3. No objection – mark ready for motion
      4. CID 2159 MAC
         1. Review Comment
         2. **Discussion:** There is already quite some introductory material in clause 9.36.1. In fact, many of the paragraphs in this subclause are very explanatory. Adding more explanatory text will do little to help. Perhaps, one of the areas that might somewhat lacking is the relation between DMG antenna and sector. Since P1301L44 already has some text to this point, propose to change that paragraph to highlight this fact.
         3. Proposed resolution: Revised – *Add the sentence to the start of the paragraph in P1301L44 as follows: “*A STA can have one or more DMG antennas. A DMG antenna can be used to create sectors through which a STA can transmit or receive frames.”
      5. CID 2053
         1. Review comment
         2. Proposed Resolution: Revised - make changes as noted in 11-14/236r1 for CID 2053
         3. No objection – mark ready for motion
      6. CID 2110 MAC
         1. Review Comment
         2. **Discussion:** this duration reflects the minimum amount of time necessary to perform the measurements. There are other 3 places in the same subclause that require the same change below.
         3. Proposed Resolution: Revised - *Insert the following new parameter in Table 10-24 in subclause 10.39*

aMinPPDUDurationForDMGMeasurement; 5.27 µs

and *Replace all instances of “*5.27 µs*” in section 9.38.3 by “*aMinPPDUDurationForDMGMeasurement*”*

* + - * 1. Discussion on where the number was calculated – still seem to have a magic number, so we need to know how the number was derived.
        2. We need to find the rational for this derivation. Was there a submission that shows how this was derived.
        3. Save this comment for discussion for next week.
        4. Possible resolution to be included in an R2..
      1. CID 2055 MAC
         1. Review comment
         2. Proposed Resolution: Revised - make changes as noted in 11-14/236r1 for CID 2055
         3. No objection – mark ready for motion
      2. CID 2184 GEN
         1. Review Comment
         2. Capitalization issue captured
         3. The changes were checked against D2 as well.
         4. Proposed Resolution: Revised - make changes as noted in 11-14/236r1 for CID 2184
         5. No objection – mark ready for motion
      3. CID 2183 GEN
         1. Reviewed comment
         2. There was some work from Dorothy and Carlos and we need to look the proposed resolutions together – Carlos will delete from this doc and we will assign the CID to Adrian
      4. CID 2108
         1. Review Comment
         2. Proposed Resolution: Revised - make changes as noted in 11-14/236r1 for CID 2108
         3. No objection – mark ready for motion
      5. This leaves only CID 2110 open from this document.
    1. **Review Doc11-14/230r0** 
       1. CID 2156 MAC
          1. Review comment
          2. Discussion:

The figures are wholly inadequate to explain DMG operation which has these new aspects:

* PTP TSPECS
* Allocations
* Forwarding deletion of allocation by PCP/AP to peer STA
  + - * 1. Adrian proposes to essentially undo the changes made by .11ad in 10.4.9, by moving the old material into a new subclause, by moving the new material into a new subclause, by adding figures to support the description of the new material, and by reviewing and correcting the operation described in the new material where it is incomplete or ambiguous.
        2. Note that the same problems that obtain in 10.4.9 probably exist in “more important” parts of TS operation. I have not investigated this because the comment is solely on TS deletion, and I’m in no particular mood for a diet of worms today.
        3. Issue with “/” and so we need to replace the slashes with commas and conjunctions in the R0 proposal.
        4. Question on “considered” and if the sentence is correct.
        5. Change “Considered inactive” to “deleted” in both locations, and removes the comment in the proposal.
        6. Change the “Basic TS Deletion” for 10.4.9.1 to a longer name.
        7. Proposed Resolution: Revised - make changes as noted in 11-14/230r1 for CID 2156
        8. No objection – mark ready for motion
    1. **Recycled comments:**
       1. Review the following CIDS 2476, 2044, 2348, 2351, 2472, 2367, 2376, 2416
       2. CID 2476
          1. Review issue – Comment marked Revised, document says Reject, should have been marked Rejected
          2. Need to change resolution to Reject
          3. Will need to clear the motion number and bring back as an Editor comment with the reject back to the group.
          4. No objection – mark ready for motion with the editor comments
       3. CID 2044
          1. This should be a reject as the action field is there.
          2. Proposed Resolution: Rejected – An action field, as shown in Figure 8-65 starts with the Cat field and includes everything after it specified by the specific frame format.”
          3. No objection – mark ready for motion
       4. CID 2348
          1. Review comment again
          2. This is ok, the editor will review and correct as approved.
          3. There are two “may” in the sentence.
       5. CID 2351
          1. Review comment again
          2. Both “may” were there,
          3. This is ok, the editor will review and correct as approved.
       6. CID 2472
          1. There is a more complex issue here.
          2. Editor note: The example: "(e.g., a HT STA does not continue use of HT and does not include an HT Operations element in its beacons)" is only true when it has received a Beacon that does not contain an HT Operations element.  
             Also "a HT STA does not continue use of HT" is too sweeping. Surely the HT STA can use HT format PPDUs talking to an HT peer, provided it respects the channelization of the now non-HT IBSS, and protects these transmissions appropriately.  
             Please consider qualifying the example.
          3. The may not be any action needed for the first comment.
          4. Why can you not allow the non-HT STA remain part of the basic rate set? The e.g. may be too week.
          5. The only safe thing to do is for the IBSS to reduce to the least common denominator. We could list out all the corner cases, but it would not be a conclusive set of what is allowed, and would definitely be too complicated to do this.
          6. This then had a longer discussion on what can or should be documented.
          7. There was disagreement in how this was handled, but the Editor will make the changes and those in disagreement will provide a new submission with alternate wording.
       7. CID 2367
          1. Review comment and issue – Editor IR
          2. Editor Note: EDITOR: 2014-02-11 14:35:26Z- Note to reviewers, commenter's page line numbering is wrong, but relative positions are right.  
             Note to TGmc, replacing "message" with "frame" has created a number of frame types that don't actually exist, such as a enablement confirmation frame, or an enablement frame. Please reconsider this resolution and change these names to actual names of frames.
          3. There is a list of locations where the changes need to be made (14 instances).
          4. The editor is reviewing the possible changes.
          5. The “DSE Enablement” is being added prior to the “frame” word that was changed from message.
          6. In c) 2) we would change “reason result code in the enablement confirmation (#2367)frame” to “Reason Result Code Field of the received DSE Enablement frame”
          7. Change “(de)enablement frame” to DSE (Dee)Enablement frame”.
       8. CID 2376 and 2416 are still left to review
  1. Ran out of time
     1. Adrian to check the Webex Link listed on the calendar.
     2. Jon will not be able to attend the call next week.
  2. Adjourned at 12:03 Eastern Time

1. **Minutes for the TG REVmc teleconference on February 28, 2014**
   1. Proposed Agenda:

1. Call to order, patent policy, attendance  
2. Editor report  
3. Comment resolution

-11-14-0207, see <https://mentor.ieee.org/802.11/dcn/14/11-14-0207-00-000m-lb199-stephens-comments.doc>   
- 11-14-0263, see <https://mentor.ieee.org/802.11/dcn/14/11-14-0263-00-000m-more-lb199-gen-comment-resolutions.docx>   
- Approved January comments requiring further input - Adrian

4. AOB, potential additional teleconference:   
5. Adjourn

* 1. Called to order by Dorothy STANLEY, Chair of TG REVmc at 10:04 am ET;
  2. Agenda: Adrian also has documents 11-14-0057 (Probe Response re-write) plan to review in Jan with larger audience; Documents 11-14-230r1 and 11-13-1314r14 are posted, and incorporate changes agreed last week. Agreed to review comments in 11-14-0207 until 11:45, then 11-14-263 and telecon discussion.
  3. Call for Patents - Review Patent Policy and Meeting Policy
     1. None identified
  4. Attendance: Dorothy STANLEY, (Aruba); Adrian STEPHENS, (Intel); Mark RISON (Samsung); Mark HAMILTON (SpectraLink)
  5. Editor Report – Adrian STEPHENS
     1. D2.5 is posted to the member area.
  6. Comment Resolution:
     1. Start with 11-14/207r0 Adrian STEPHENS – 11ad comments see <https://mentor.ieee.org/802.11/dcn/14/11-14-0207-00-000m-lb199-stephens-comments.doc>
     2. Then proceed to 11-14-0263, see <https://mentor.ieee.org/802.11/dcn/14/11-14-0263-00-000m-more-lb199-gen-comment-resolutions.docx>
     3. Then discuss an additional teleconference
     4. Discussion of 11-14/207r0 Adrian STEPHENS, see <https://mentor.ieee.org/802.11/dcn/14/11-14-0207-00-000m-lb199-stephens-comments.doc>
        1. CID 2006 – Agree to Revised resolution
        2. CID 2120 – Agree to Accepted resolution
        3. CID 2003 – Some of the cited locations should be “AP or mesh STA”, that is, not include “peer”. Agree to updated “Revised” resolution, will be posted in 11-14-0207r1.
        4. CID 2011 – Agree to Revised resolution
        5. CID 2074 – Agree to Revised resolution
        6. CID 2075 – Discussion to modify the resolution text to include explicit explanation of the “one parameter” form. Agree to updated “Revised” resolution, will be posted in 11-14-0207r1.
        7. CID 2087 - Agree to Revised resolution
        8. CID 2090 - Agree to Revised resolution
        9. CID 2091 - Agree to Revised resolution
        10. CID 2070 - Agree to Accepted resolution
        11. CID 2071 - Agree to Accepted resolution
        12. CID 2092 - Agree to Accepted resolution
        13. CID 2096 - Agree to Accepted resolution
        14. CID 2078 - Agree to Rejected resolution
        15. CID 2080 - Agree to Rejected resolution
        16. CID 2105 - Agree to Accepted resolution
        17. CID 2083 - Agree to Accepted resolution
        18. CID 2126 - Agree to Accepted resolution
        19. CID 2148 - Agree to Revised resolution
        20. CID 2178 - Agree to Accepted resolution
        21. CID 2196 - Agree to Revised resolution
        22. CID 2010 – Discussion of the proposed changes and scope of changes with respect to Operational Rate set and its definition – transmit or receive. More work is needed. Mark RISON to identify additional changes. Still open.
        23. CID 2094 – Agree with proposed changes with one additional question on “if the PCP/AP is decentralized”. Adrian to investigate. Still open.
        24. CIDs 2185 – Review of text changes started but not completed. Also need to look at other uses of “ignore”. Still open
     5. Discussion of <https://mentor.ieee.org/802.11/dcn/14/11-14-0263-00-000m-more-lb199-gen-comment-resolutions.docx>
        1. CID 2306 – Agree to Accepted resolution
        2. CID 2303 - Agree to Accepted resolution
        3. CID 2296 - Agree to Accepted resolution
        4. CID 2277 – Change “messages” to “MSDUs”. Agree to revised resolution, will be posted in 11-14-0263r1.
        5. CID 2276 – Need a term to refer to the channel switch event or similar. Check with mesh folks. Still open.
        6. Out of time.
     6. Additional teleconference: Agreed to add a teleconference on Wednesday March 12th 10:00am Pacific for 1.5 hours.
  7. Adjourned at 12:03 Eastern Time

1. **Minutes for the TG REVmc teleconference on March 12, 2014**
   1. Proposed Agenda:
2. Call to order, patent policy, attendance  
   2. Editor report  
   3. Comment resolution documents:

- GEN comments (2189, 2099) and MAC comments (2125, 2126, 2143): <https://mentor.ieee.org/802.11/dcn/13/11-13-1314-16-000m-some-lb199-proposed-resoluitons.doc>   
- GEN comments: <https://mentor.ieee.org/802.11/dcn/14/11-14-0263-03-000m-more-lb199-gen-comment-resolutions.docx>   
- MAC and GEN comments: <https://mentor.ieee.org/802.11/dcn/14/11-14-0207-01-000m-lb199-stephens-comments.doc>

- CID 2434, see <https://mentor.ieee.org/802.11/dcn/13/11-13-0115-09-0arc-considerations-on-ap-architectural-models.doc>   
- 11-14-0275 CIDs 2094 and 2185

4. AOB, Plan for Beijing: 6 slots, March or May LB  
5. Adjourn

* 1. Called to order by Dorothy STANLEY, Chair of TG REVmc at 10:06 am;
  2. Call for Patents - Review Patent Policy and Meeting Policy
     1. None identified
  3. Attendance: Dorothy STANLEY, Aruba; Adrian STEPHENS, Intel; Jon ROSDAHL (CSR); Mark HAMILTON (SpectraLink); Mark RISON (Samsung) (arrived late).
  4. Editor Report – Adrian STEPHENS
     1. Speculative editing has been done on the proposed resolutions and they will be in d2.6 if we wanted to post ahead of the meeting in Beijing.
  5. Comment Resolution and presentations
     1. **Doc: 11-13-1314r16 – Adrian STEPHENS**
        1. CID 2189 GEN
           1. Review the changes to the proposed changes in the definitions
           2. Checks done on the dependencies of the terms
           3. Created table to show what should be moved 103 definitions that need to move from 3.1 to 3.2
           4. 2 items to move from 3.2 to 3.1
           5. Last table is on adjusting text to notes
           6. There is a lot of mark-up text showing proposed changes and the history of the changes to date.
           7. Proposed resolution: Make changes shown in 11-13/1314r16 for CID 2189.
           8. Question on what got us caught last time, but it seems to have been resolved, so we reduced the moving definitions from over 200 to about 100.
           9. An E-mail to be sent to note that this will be voted on in Beijing.
           10. No objection – Mark Ready for Motion
        2. CID 2099 GEN
           1. Review the comment
           2. This was worked on by Adrian, Mark RISO, and Guido.
           3. No consensus on any change.
           4. Proposed Resolution: Rejected.

The comment does not indicate specific changes that would satisfy the commenter.

Note, in reply to the commenter, it was discovered after some research, that the forms in use are too diverse and inconsistent to be readily identified with simple search and replace operations. That being the case, a fully marked up set of changes is needed.

* + - * 1. No objection - mark ready for motion
      1. CID 2125 MAC
         1. Proposed Resolution: Revised. Globally change “network initialization” to “establishment of a BSS”.
         2. No objection - mark ready for motion
      2. CID 2126 MAC

Review comment

Proposed Resolution: Accept

We did this two weeks ago – Adrian to remove from 11-13-1314r17.

* + - 1. CID, 2143 MAC
         1. Review comment
         2. Proposed resolution: Accept
         3. No objection - mark ready for motion
    1. **Doc 11-14/0263r3 Dorothy STANLEY**
       1. CID 2276 GEN
          1. Proposed resolution: Revised - Change from “of channel switching messages” to “of channel switch notifications”
          2. No objection - mark ready for motion
       2. CID 2285 GEN
          1. Proposed resolution: Revised - Make changes in 11-14/0263r4 for CID 2285.
          2. No objection – mark ready for motion
       3. CID 2283 GEN
          1. Reviewed comment
          2. Similar to 2282
          3. Review proposed changes – some minor adjustments made.
          4. Discussion on if Mesh STAs exchange MSDUs or not.
          5. Proposed resolution: Revised- Make changes in 11-14/0263r4 for CID 2283
          6. No objection – mark ready for motion
       4. CID 2275 GEN
          1. Review comment
          2. Review context in 4.3.16.2
          3. Proposed Resolution: Revised

Change from “messages” to “MSDUs” at 71.28.

Change from “messages” to “MSDUs and management frames” at 71.27

* + - * 1. No objection – mark ready for motion
      1. CID 2271 GEN
         1. Review comment
         2. Proposed resolution: Revised At P68L3, change from “messages” to “reports”
         3. No objection – mark ready for motion
      2. CID 2282
         1. Adrian has an alternate resolution proposed

He changes “messages” to “frames” as well

But it is not in a posted document, so go ahead with Dorothy’s

CID 2118 made changes to the same text, that is what needs to be harmonized.

* + - * 1. We looked at what the two proposals offered.
        2. Very similar resolutions:
        3. Probably better to pick one or the other – pick 11-14-207r1
        4. In CID 2118 not all messages were changed to Frame, and probably should have done what is in Dorothy’s in 4.5.1, but not in 4.5.2
        5. Change Resolution for 2118 and 2282 will need to be adjusted to say take the changes 4.5.1 in 11-14-207r3
        6. CID 2282 Proposed resolution: Revised: Incorporate the changes for Clause 4.5.1 indicated in 11-14/207r3 under CID 2118
        7. CID 2118 Proposed resolution: Revised: Incorporate the changes indicated in 11-14/207r3 under CID 2118
      1. CID 2235 GEN
         1. Review comment
         2. Discussion on what “destination” and “origin”
         3. Would deleting the sentence be better?
         4. Not sure why the paragraph is trying to make a point of differences.
         5. The comment is on “Message” but we may want to revisit the “Addressable unit”.
         6. Proposed Resolution: Revised - delete the cited sentence: “The term implies ...of a message”. At Line 32, change from “is a message destination,” to “The STA is an addressable destination, “
         7. No objection – mark ready for motion
      2. CID 2312 GEN
         1. Review comment
         2. Adrian to make a note in the draft that SAE
         3. Proposed Resolution: Revised

The “Commit Message” and “Confirm Message” are defined in this standard, see 11.3.5.3 Construction of a Commit Message and 11.3.5.5 Construction of a Confirm Message.

However, usage is not uniform, some texts refers to “Commit/Confirm” and also to “SAE Commit/SAE Confirm”. Change all usages to “SAE Commit/SAE Confirm messages”

* + - * 1. No objection – mark ready for motion
      1. CID 2290 GEN
         1. Review comment
         2. End to end is referring to MSDU
         3. Proposed resolution: RevisedIn this context, end to end refers to MSDU “ends”. 802.11 authentication – for example open system/shared key/SAE/FT does apply to the link level only, and NOT to MSDU origin/destination. Clarify the existing text, change from “message origin” to “MSDU orign” and “Message destination” to “MSDU destination”.
         4. No objection – mark ready for motion
      2. CID 2288 GEN
         1. Review comment
         2. Proposed resolution: Accept
         3. No objection – mark ready for motion
      3. CID 2318 GEN
         1. Review comment
         2. Proposed resolution: Accept
         3. No objection – mark ready for motion
      4. CID 2399 and 2398 GEN
         1. Review comments
         2. Review the use of “should”
         3. Proposed resolution: Rejected Usage of “should” in the cited text is as described in clause 1.4; a recommendation is made related to IEEE 802.11 test equipment.
         4. No objection – mark ready for motion
      5. CID 2401 GEN
         1. Review comment
         2. We could argue the use of Should, or we could just change

the offending text “Recommended practice” to guidelines.

* + - * 1. There is concern with the Recommended loss.
        2. The loss of recommendation vs the declarative nature of the proposed sentence.
        3. We may find declining the comment and leaving it as is may be better way to resolve this.
        4. The informative annex should be left as informative, and not have declarative, or we should look at making this a normative annex and not have the “should”s.
        5. Discussion on the use of should and if it is causing change to behaviour.
        6. The time expired and we determined a broader audience should be used to review the CID.
  1. Plans for Next week
     1. Start with the Editor report
     2. Start with 11-14/207r3 for comment resolution
     3. Ideally we will be able to get to LB
     4. Plan for integrating 11af into the draft between March and May if possible.
     5. 11-14/275 (Shall ignore) and 11-14/57 (Probe response) are also ready for discussion (posted today).
        1. Adrian asked to announce separately for discussion and review.
  2. AOB
  3. Adjourn 11:33am**References:**

1. Files from Feb 7 teleconference
   1. <https://mentor.ieee.org/802.11/dcn/13/11-13-1399-10-000m-some-lb199-proposed-comment-resolutions.docx>
   2. <https://mentor.ieee.org/802.11/dcn/14/11-14-0209-01-000m-lb199-proposed-comment-resolutions.docx>
   3. <https://mentor.ieee.org/802.11/dcn/14/11-14-0221-01-000m-lb199-gen-comment-resolutions.docx>
   4. <https://mentor.ieee.org/802.11/dcn/12/11-12-1345-02-000m-pre-ballot-802-11-2012-resolutions-for-pics.docx>
2. Files from Feb 21 teleconference:
   1. <https://mentor.ieee.org/802.11/dcn/14/11-14-0236-00-000m-resolution-to-11ad-related-cids.docx>
   2. <https://mentor.ieee.org/802.11/dcn/14/11-14-0230-00-000m-lb199-cid2156-resolution.doc>
3. Files from Feb 28 teleconference:
   1. <https://mentor.ieee.org/802.11/dcn/14/11-14-0207-00-000m-lb199-stephens-comments.doc>
   2. <https://mentor.ieee.org/802.11/dcn/14/11-14-0207-01-000m-lb199-stephens-comments.doc>
   3. <https://mentor.ieee.org/802.11/dcn/14/11-14-0263-00-000m-more-lb199-gen-comment-resolutions.docx>
   4. <https://mentor.ieee.org/802.11/dcn/14/11-14-0263-01-000m-more-lb199-gen-comment-resolutions.docx>
4. Files from March 12 Teleconference:
   1. <https://mentor.ieee.org/802.11/dcn/14/11-14-0263-02-000m-more-lb199-gen-comment-resolutions.docx>
   2. https://mentor.ieee.org/802.11/dcn/14/11-14-0263-03-000m-more-lb199-gen-comment-resolutions.docx
   3. <https://mentor.ieee.org/802.11/dcn/14/11-14-0263-04-000m-more-lb199-gen-comment-resolutions.docx>
   4. <https://mentor.ieee.org/802.11/dcn/14/11-14-0207-02-000m-lb199-stephens-comments.doc>
   5. <https://mentor.ieee.org/802.11/dcn/13/11-13-1314-17-000m-some-lb199-proposed-resoluitons.doc>
   6. <https://mentor.ieee.org/802.11/dcn/13/11-13-0361-25-000m-revmc-mac-comments.xls>
   7. <https://mentor.ieee.org/802.11/dcn/13/11-13-1160-07-000m-lb199-gen-adhoc-comments.xls>
   8. <https://mentor.ieee.org/802.11/dcn/13/11-13-1160-08-000m-lb199-gen-adhoc-comments.xls>
   9. <https://mentor.ieee.org/802.11/dcn/14/11-14-0275-00-000m-lb199-cids-2094-and-2185-resolutions.doc>
   10. <https://mentor.ieee.org/802.11/dcn/14/11-14-0057-05-000m-cid2129-rewrite-of-probe-response-text.doc>