IEEE P802.22 Wireless RANs

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| 2015 November Plenary IEEE 802.22 Working Group Minutes |
| Date: 2016-12-19 |
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Abstract

In the course of implementing the 802.22 base standard in a product, we discovered what we believe are:

1- errors in the 802.22 base standard

2- omissions in the same standard which we believe should be corrected

3- clarifications which should be added

4- un-necessary IP which should be removed

5- etc… (other issues)

This contribution (which we intend to revise from time to time) is intended to list all these. It will also list what we believe are the disposals of each item, providing a summary of the items addressed and the disposal of each such item in an orderly fashion.

**Item# Title Contribution**

**1 2016 LTS\_STS\_errata 22-16-0022-00-000a-2016**

 **Disposition date Disposition**

 **2016-12-21 Accepted as is by motion # 1**

**Item # Title Contribution**

**2 TTG\_errata 22-16-0023-00-000a-2016**

 **Disposition date Disposition**

 **2016-12-21 Accepted as is by motion # 2**

**Item # Title Contribution**

**3 Downstream burst profile errata 22-16-0024-00-000a-2016**

 **Disposition date Disposition**

 **2016-12-21 Accepted as is by motion # 3**

**Item # Title Contribution**

**4** **Upstream burst profile errata 22-16-0025-00-000a-2016**

 **Disposition date Disposition**

 **2016-12-21 Accepted as is by motion # 4**

**Item # Title Contribution**

**5** **Convolutional Coder Initialization 22-17-0024-00-0000-2017**

 **Disposition date Disposition**

 **2017-03-16 Accepted as is by motion # 7**

**Item # Title Contribution**

**6**  **Broadcast device SID range abandon**

 **Disposition date Disposition**

 **2017-??-?? abandon – merged into another item**

**Item # Title Contribution**

**7**  **Simplification of downstream block sizes**

 **22-17-0025-00-0000-2017**

 **Disposition date Disposition**

 **2017-03-16 Accepted as is by motion # 8**

**Item # Title Contribution**

**8**  **Simplification of upstream block sizes (word document 27, excel support 28)**

 **22-17-0027 -00-0000-2017**

 **Disposition date Disposition**

 **2017-03-16 Accepted as is by motion # 9**

**Item # Title Contribution**

**9**  **Zero padding scrambling clarification**

 **22-17-0029-00-0000-2017**

 **Disposition date Disposition**

 **2017-03-16 Accepted as is by motion # 10**

**Item # Title Contribution**

**10**  **CRC application rules simplification**

 **22-17-0030-00-0000-2017**

 **Disposition date Disposition**

 **2017-??-?? wisthdrawn – covered by another item**

**Item # Title Contribution**

**11**  **Removal of slot concatenation rules**

 **22-17-00xx-00-000a-2017**

 **Disposition date Disposition**

 **2017-??-?? wisthdrawn – covered by another item**

**Item # Title Contribution**

**12 Table 5 errata 22-17-0030-00-000a-2017**

 **Disposition date Disposition**

 **2017-03-16 Accepted as is by motion # 11**

**Item # Title Contribution**

**13**  **Treatment of 0-padding et end of sub-frames**

 **22-17-0031-00-0000-2017**

 **Disposition date Disposition**

 **2017-03-16 Accepted as is by motion # 12**

**Item # Title Contribution**

**14**  **Clarification on CRC calculation 22-17-00xx-00-000a-2017**

 **Disposition date Disposition**

 **2016-12-21 Accepted as is by motion # 5**

**Item # Title Contribution**

**15**  **Use of CRC for MAC management messages**

 **22-17-00xx-00-000a-2017**

 **Disposition date Disposition**

 **2016-12-21 Accepted as is by motion # 6**

**Item # Title Contribution**

**16 Redundant Table 22 parameters 22-17-0044-00-000a-2017**

 **Disposition date Disposition**

 **2017-??-?? to be addressed as comment on the letter ballot**

**Item # Title Contribution**

**17 Management packet modulation 22-17-00xx-00-000a-2017**

 **Disposition date Disposition**

 **2017-??-?? widthdrawn**

**Item # Title Contribution**

**18 upstream opportunistic burst modulation from CPEs is not defined**

 **22-17-00xx-00-000a-2017**

 **Disposition date Disposition**

 **2017-??-??** **to be addressed as comment on the letter ballot**

**Item # Title Contribution**

**19 Initial Ranging symbols centering is ill defined**

 **22-17-00xx-00-000a-2017**

 **Disposition date Disposition**

 **2017-??-?? widthdrawn**

**Item # Title Contribution**

**20 Errata – table 20 title 22-16-00xx-00-000a-2016**

 **Disposition date Disposition**

 **2017-??-?? wisthdrawn – covered by another item**

**Item # Title Contribution**

**21** **OFDM slot concatenation 22-17-0032-00-0000-2017**

 **Disposition date Disposition**

 **2017-03-16 Accepted with column 388 removed**

 **by motion # 13**

**Item # Title Contribution**

**22 Collapse reserved and Number 22-17-0033-00-0000-2017**

 **of Upstream burst profiles into**

 **a single 8 bit field**

 **Disposition date Disposition**

 **2017-03-16 Accepted as is by motion # 14**

**Item # Title Contribution**

**23** **MAC Version redundancy 22-17-0034-00-0000-2017**

 **Disposition date Disposition**

 **2017-03-16 Accepted as is by motion # 15**

**Item # Title Contribution**

**24** **REG-REQ\_RSP information elements**

 **22-17-0035-00-0000-2017**

 **Disposition date Disposition**

 **2017-03-16 Accepted as is by motion # 16**

**Item # Title Contribution**

**25** **RNG-CMD information elements 22-17-0036-00-0000-2017**

 **Disposition date Disposition**

 **2017-03-16 Accepted as is by motion # 17**

**Item # Title Contribution**

**26** **Station ID and Flow ID modifications**

 **22-17-0037-00-0000-2017**

 **Disposition date Disposition**

 **2017-03-16 Accepted as is by motion # 18**

**Item # Title Contribution**

**27** **Proposal by Ranga 22-17-00xx-00-000a-2017**

 **Disposition date Disposition**

 **2017-??-?? Apurva wants Ranga’s present to discuss this**

**Item # Title Contribution**

**28 UCD errata and simplification 22-16-0025-00-0000-2016**

 **Disposition date Disposition**

 **2016-05 Accepted**

**Item # Title Contribution**

**29 Pilot carrier modulation PRBS generator reset**

 **22-17-0060-00-0000-2017**

 **Disposition date Disposition**

 **none yet**

**Item # Title Contribution**

**30 Simplification of the boosting ratios**

 **22-17-0061-00-0000-2017**

 **Disposition date Disposition**

 **none yet**

**Item # Title Contribution**

**31 Frequency domain encoding levels**

 **22-17-0062-00-0000-2017**

 **Disposition date Disposition**

 **none yet**

**Item # Title Contribution**

**32 Basic sampling frequency**

 **22-17-0063-00-0000-2017**

 **Disposition date Disposition**

 **none yet**

**Item # Title Contribution**

**33** **Improved choice of TTG values** **22-17-0064-00-0000-2017**

 **Disposition date Disposition**

 **none yet**

**Item # Title Contribution**

**34 Padding bursts 22-17-0065-00-0000-2017**

 **Disposition date Disposition**

 **none yet**

**Item # Title Contribution**

**35 Carrier interleaving 22-17-0066-00-0000-2017**

 **Disposition date Disposition**

 **none yet**

**Item # Title Contribution**

**36 Enhancements-to-service-flow-provisioning**

 **22-17-0067-00-0000-2017**

 **Disposition date Disposition**

 **none yet**

**Item # Title Contribution**

**37 Enhancements-to-base-standard-security-sublayer**

 **22-17-0068-00-0000-2017**

 **Disposition date Disposition**

 **none yet**

**Item # Title Contribution**

**38 US\_MAP EIRP control IE clarification**

 **22-17-0069-00-0000-2017**

 **Disposition date Disposition**

 **none yet**

**Item # Title Contribution**

**39** **Boosting of the MAC control messages**

 **22-17-0070-00-0000-2017**

 **Disposition date Disposition**

 **none yet**

**Item # Title Contribution**

**40 More flexible channel definition 22-17-0071-00-0000-2017**

 **Disposition date Disposition**

 **none yet**

**Item # Title Contribution**

**41** **Frequency scaling of the WRAN transmission**

 **22-17-0072-00-0000-2017**

 **Disposition date Disposition**

 **none yet**

**Item # Title Contribution**

**42 PHY Mode for Contention-based BW Request and UCS notification**

 **22-17-0073-00-0000-2017**

 **Disposition date Disposition**

 **none yet**