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Agenda item: Minutes

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Registered Contributions

The following is a list of registered contributions to TGd as of the publication of these minutes.

- IEEE C802.16d-04/56 - Accepted Resolution of comments 42, 68, 146, and 436 (Bob Nelson, 04/03/18)
- IEEE C802.16d-04/55 - Resolution of Comments 167-170 (Bob Nelson, 04/03/18)
- IEEE C802.16d-04/54r1 (Rev. 0: 04/03/18) - Clarification of procedure of creation of service flows (Vladimir Yanover, 04/03/18)
- IEEE C802.16d-04/53 - Updates to Block Turbo Coding for OFDMA (Brian Banister, 04/03/17)
- IEEE C802.16d-04/52 - Analysis of end-of-burst degradation in the OFDM UL PHY under mobile conditions (Ran Yaniv and Tal Kaitz, 04/03/15)

- IEEE C802.16d-04/51r1 AAS enhancements for 1x Scalable PHY - (John Liebetreu, Dale Branlund, Lalit Kotecha, Mike Webb, 04/03/15)
- IEEE C802.16d-04/50r3 (Rev. 2: 04/03/18; Rev. 1: 04/03/15; Rev. 0: 04/03/13) - OFDMA PHY Enhancements for better mobility performance (John Liebetreu, et al., 04/03/18)
- IEEE C802.16d-04/47r1 (Rev. 0: 04/03/13) - OFDMA PHY Enhancements for Ranging (John Liebetreu, et al., 04/03/15)
- IEEE C802.16d-04/45r1 (Rev. 0: 04/03/13) - OFDMA PHY AAS Enhancements (Panyuh Joo, et al., 04/03/15)
- IEEE C802.16d-04/44r1 (Rev. 0: 04/03/13) - OFDMA PHY Enhancements using Hybrid ARQ (John Liebetreu, et al., 04/03/15)
- IEEE C802.16d-04/43 - SS De-Registration (Phillip Barber and Ken Stanwood, 04/03/13)
- IEEE C802.16d-04/42r1 (Rev. 0: 04/03/13) - REVd Sponsor Ballot Comment Addendum (Robert Nelson, 04/03/18)
- IEEE C802.16d-04/41r2 (Rev. 1: 04/03/17; Rev. : 04/03/13) - WirelessMAN-SCa Support for AAS (Brian Eidson and Robert Nelson, 04/03/18)
- IEEE C802.16d-04/40 - Supplement for comments from Yigal Leiba (Yigal Leiba, 04/03/13)
- IEEE C802.16d-04/39 - Support of Negotiated Capabilities and QoS Parameters (Vladimir Yanover, Tal Kaitz, Eyal Verbin, 04/03/13)
- IEEE C802.16d-04/38r3 (Rev. 2: 04/03/18; Rev. 1: 04/03/13; Rev. 0: 04/03/13; slides: 04/03/18) - AAS enhancements for OFDMA PHY (Dale Branlund, Adam Kerr, Lalit Kotecha, John Liebetreu, Paul Petrus, Mike Webb, 04/03/18)
- IEEE C802.16d-04/37r2 (Rev. 1: 04/03/16; Rev. : 04/03/13; slides: 04/03/17) - Unique Randomizer Initialization for Interference Management in 802.16 OFDM PHY (Adam Kerr, Paul Petrus, 04/03/18)
- IEEE C802.16d-04/36r2 (Rev. 1: 04/03/17; Rev. : 04/03/13) - Additional Preamble Definitions for 802.16d OFDM-256 (Adam Kerr, Paul Petrus, 04/03/17)
- IEEE C802.16d-04/35r1 (Rev. 0: 04/03/12; slides: 04/03/17) - Channel Estimation and feedback report for OFDM AAS (Tal Kaitz, Naftali Chayat, Vladimir Yanover, Radu Selea, Bogdan Franovici, Adam Kerr, Paul Petrus, Hassan Yaghoobi, Atul Salvekar, Raja Banerjea, 04/03/17)
- IEEE C802.16d-04/34r1 (Rev. 0: 04/03/12) - Improved Stack Diagram (David Johnston, 04/03/13)
- IEEE C802.16d-04/33r1 (Rev. 0: 04/03/12) - Proposal for a new PDU concatenation scheme to facilitate MAC PDU separation under error conditions (Sunny Chang, Bonggee Song, Taein Hyon, Yunsang Park, 04/03/15)
- IEEE C802.16d-04/32r1 (Rev. 0: 04/03/12) - Terminal Assisted QoS support (Yunsang Park, Panyuh Joo, Changhoi Koo, 04/03/15)
- IEEE C802.16d-04/31r1 (Rev. 0: 04/03/12) - BPSK Modulation for IEEE 802.16 WirelessMAN OFDM (Atul Salvekar, Hassan Yaghoobi, Vladimir Yanover, 04/03/14)
- IEEE C802.16d-04/30 (slides: 04/03/18) - Spectrum sharing in License Exempt bands - protocol proposal (Marianna Goldhammer, 04/03/12)
- IEEE C802.16d-04/29r1 (Rev. 0: 04/03/12; slides: 04/03/16) - Maps Format in AAS (Vladimir Yanover, Naftali Chayat, Tal Kaitz, Paul Petrus, Adam Kerr, John Liebetreu, Hassan Yaghoobi, Atul Salvekar, Raja Banarjea, Bogdan Franovici, Martin Lysejko, and David Castelow, 04/03/16)
- IEEE C802.16d-04/28 - Changes to UL-MAP ordering in OFDM-256 PHY (David A Castelow, 04/03/12)
- IEEE C802.16d-04/27 - Change in definition of Service Classes (Vladimir Yanover, 04/03/11)

- IEEE C802.16d-04/26r3 (Rev. 2: 04/03/17; Rev. 1: 04/03/16; Rev. 0: 04/03/11; slides: 04/03/17) - Changes to Focused Contention in OFDM-256 Mode (David A. Castelov, Naftali Chayat, Tal Kaitz, Adam Kerr, 04/03/18)
- IEEE C802.16d-04/25 (withdrawn) - The uplink subchannelization preamble with lower PAPR (Panyuh Joo, Cho Sijun, Hai Wang, FengMing Cao, 04/03/11)
- IEEE C802.16d-04/24 (withdrawn) - Uplink control channels (JeonTae Oh, Seungjoo Maeng, Soonyoung Yoon, Jaeho Jeon, Youngbin Chang, Chiwoo Lim, 04/03/11)
- IEEE C802.16d-04/23 (withdrawn) - New FEC structure suitable for CTC and mobile Cellular Operation of 802.16 OFDMA (Jaehee Cho, Soonyoung Yoon, Panyuh Joo, Jaeweon Cho, 04/03/11)
- IEEE C802.16d-04/22 (withdrawn) - Support for 4-Antenna Space-Time Processing (Wonil Roh, SeungJoo Maeng, Jaeho Jeon, Panyuh Joo, 04/03/11)
- IEEE C802.16d-04/21 (withdrawn) - OFDMA ranging (Jaehawk Lee, Jaeweon Cho, Sijun Cho, 04/03/11)
- IEEE C802.16d-04/20 (withdrawn) - OFDMA subcarrier allocations (Jeong-Heon Kim, Youngbin Chang, Chiwoo Lim, 04/03/11)
- IEEE C802.16d-04/19 (withdrawn) - A New Frame Structure for Scalable OFDMA Systems (Inseok Hwang, Jaehee Cho, Sanghoon, Sung Hun Huh, Soon Young Yoon, Panyuh Joo, Jaeweon Cho, 04/03/11)
- IEEE C802.16d-04/18 (withdrawn) - System Parameters for IEEE 802.16d (Jaeho Jeon, Soonyoung Yoon, Seungjoo Maeng, Jiho Jang, Sijun, Cho, Youngbin Chang, 04/03/11)
- IEEE C802.16d-04/17r2 (Rev. 1: 04/03/17; Rev. : 04/03/12) - Clarification of optional features (Vladimir Yanover, 04/03/18)
- IEEE C802.16d-04/16r3 (Rev. 2: 04/03/16; Rev. 1: 04/03/16; Rev. 0: 04/03/12) - Extended IE format for concurrent transmission of bursts (Christian Hoymann and Paul Piggini, 04/03/17)
- IEEE C802.16d-04/15 - Transmission Convergence Sublayer to the OFDM PHY (Lei Wang, 04/03/12)
- IEEE C802.16d-04/14 - Updated OFDM Frame Structure Diagrams (Lei Wang, 04/03/12)
- IEEE C802.16d-04/13r1 (Rev. 0: 04/02/27) - Updates to Block Turbo Coding for OFDM (Brian Banister, 04/03/16)
- IEEE C802.16d-04/12 - Proposal on DL preamble change for 802.16 OFDM (Bogdan Franovici, Lingjie Li, 04/02/08)
- IEEE C802.16d-03/76r3 - MAC and PHY MIB for WirelessMAN and WirelessHUMAN BS and SS (Joey Chou, Russ Reynolds, Alex Raji, Vladimir Yanover, Shlomi Eini, Radu Selea, 04/03/12)

Session #30 Schedule

All meetings are held in the Enchantment E & F.

Subject (number of sessions)	Monday	Tuesday	Wednesday	Thursday
TGd sessions (9)		8:00-12:00	8:00-12:00	10:15-12:00
	15:45-19:00	13:15-18:00	13:30-18:00	13:15-21:00
		19:00-22:00	20:00-23:00	
802.16 WG Plenary (2)	13:00-15:25			21:00-02:00

Monday March 15, 2004

Session convened at 16:00 hr.

Commentary database 80216-04_11 formed the basis for comment resolution for the Sponsor Ballot.

Comments marked as editorial will be reviewed by the TGd Chair and Editor, Editorial comments classified as Editorial and “non-Editorial”. A list of the Editorial comments will be posted, the TG will be instructed to review these comments and be prepared to resolve them in a single motion during the last TGd session on Thursday March 18.

Any/all OFDMA 1x comments will be discussed during a joint TGd TGe session Thursday morning.

The issue of any/all 2GHz lower bound comments will be discussed with Working Group chair for an opinion if this notion can be accepted. Any/all such comments will be addressed by a single resolution.

Review of Comments; 80216-03_11

- 4 Deferred for discussion with WG Chair: 2GHz lower bound.
- 6 Deferred to Thursday am joint TGd / TGe session.
- 32 No concensus, In favour – 15, opposed – 12, fails; comment rejected.
- 34 No concensus, In favour – 26, opposed – 0; passes, comment accepted.
- 63 Deferred to allow Eyal to develop text.

Monday session recessed at 22:00 hr.

Tuesday March 16, 2004

Tuesday session convened at 8:00 hr.

Review of Comments; 80216-03_11

- 4 Resolved.

Decision: the “non-Editorial” editorial comments will be address first.

- 61 Deferred for review and resolution by Wednesday am; Vladimir, Eyal, others.
- 68 Deferred; Bob Nelson to determine the most suitable location for the noted section.
- 106 Deferred; Eyal to provide text by Wednesday am.
- 272 Deferred; David Castelow to provide specific text.
- 349 Deferred; so members attending TGe can comment.
- 436 Deferred; Bob Nelson to provide specific text.

“Non-Editorial” comments resolved. Continue with remainder of comments.

- 10 Deferred; to joint session.
- 36 Deferred; DL not present.
- 37 Deferred; Jon Labs to provide specific text.
- 42 Deferred; Vladimir, Lei Wang, Don Leimer, & Bob Nelson to provide specific text.

- 48 No consensus; Contribution C80216d-04_39 split into two. Part 1: In favour – 27, opposed – 0, part 1 accepted. Part 2: In favour – 10, opposed – 9, fails, part 2 rejected.
- 61 Deferred; DL to provide RFC number for IPv6 reference.
- 79 Deferred; related to comment 278.
- 86 Deferred; presenter in TGe.
- 99 Deferred; related to comment 251.

Tuesday session recessed at 22:00 hr.

Wednesday March 17, 2004

Session convened at 8:00 hr.

Review of Comments; 80216-03_11

- 137 Deferred; after lunch break.
- 86 Resolved; No consensus; In favour – 7, opposed – 19, fails, comment rejected.
- 150 Deferred; Bob Nelson and Vladimir to discuss.
- 165 Deferred; Jon Labs to provide specific text.
- 167 Deferred; Don Leimer, Raja Banerjea, and Lei Wang can discuss and resolve.
- 194 No consensus; In favour – 11, opposed – 9, fails, comment rejected.
- 200 Deferred; Vladimir, Raja, et al to discuss and provide specific text.
- 235 Deferred; Bob Nelson to redo C802.16d-04_41r1 to reflect results of discussion.
- 251 Resolved; No consensus; In favour – 41, opposed – 1, passes. (related to 99)
- 99 Resolved.
- 252 No consensus; Straw poll; In favour – 25, opposed – 16. Deferred; Naftali to propose specific text.
- 253 No consensus; agreement to split comment resolution. To split; In favour – 38, opposed – 1, contribution C802.16d-04_31 split. Part 1, In favour – 41, opposed – 0, part 1 passes. Part 2, In favour – 32, opposed – 12, part 2 fails.
- 273 No consensus; agreement is to split comment resolution. Part 1, In favour – 25, opposed – 0, passes. Part 2, In favour – 5, opposed – 18, fails.
- 303 No consensus; In favour – 8, opposed – 18; fails, comment rejected.
- 314 No consensus; In favour – 16, opposed – 13, fails, comment rejected.
- 327 No concenssu, straw poll, in favour – 28, opposed – 6.
- 332 Deferred to Thursday.
- 341 Deferred to Thursday.
- 342 Deferred to Thursday.
- 358 Deferred; Yossi needs to be here.

- 367 Deferred to Thursday joint session.
- 372 No consensus, In favour – 8, opposed 8, fails; comment rejected.
- 422 No consensus, In favour – 18, opposed 15, fails, comment rejected.

Session recessed at 23:20 hr

Thursday March 18, 2004

Thursday joint TGd/TGe session convened at 8:00 hr.

- 329 Contributor withdrew this and other related comments from TGd and requested TGe chair to re-open a TGe comment. 339. in order to accept the contents of these comments. TGe chair agreed to do this. Contribution related to this comment is “C802_16REVd-04_47r1”.

Contributions that are “Technical Binding”

- 457 Deferred.
- 458 No consensus. In favour – 4, opposed 18, comment rejected.
- 459 No consensus. In favour – 10, opposed - 11, comment rejected.
- 460 No consensus. In favour – 14, opposed – 13, comment rejected.

Editorial comments address in single vote immediately after the lunch break.

Motion to accept all Editorial comments as identified by the TGd Chair and Editor, and included in uploaded file “Editorial comments.txt”. Bob Nelso/ 2nd Lei Wang. Editorial comments; approved by unanimous voice vote. Editor instructed to accept all editorial comments identified in the editorial comment list provided in the TGd temporary upload directory.

- 263 Deferred to allow review of 5 (?)
- 268 Deferred to allow revision of C80216d-04/37r1.
- 271 No consensus; In favour – 17, opposed – 2, comment accepted.
- 276 No consensus; In favour – 20, opposed – 8, comment rejected.
- 278 No consensus; In favour – 9, opposed –7, comment rejected.
- 317 No consensus; In favour – 7, opposed –8, comment rejected.
- 208 Resolved.
- 318, 319, 320 Deferred; waiting for specific text.
- 322 No consensus; In favour – 12, opposed – 17, comment rejected.
- 380 Deferred. Ken and David to provide specific text.
- 440 No consensus; In favour –17, opposed – 8, comment rejected.

Deferred comments

- 010 Rejected. Related to comments 341, 342, and 346, which are also rejected.
- 150 No consensus, In favour – 32, opposed – 8, passes.
- 257 No consensus, In favour – 52, opposed – 3, passes.

All deferred comments resolved.

Minutes of session #29 were reviewed and approved.

This concluded the comment resolution part of the current Task Group d session.

Motion – to put forward the following motion to the working Group “*To accept IEEE 802.16-04/11r1 as the resolutions in the Sponsor Ballot of P802.16-REVd/D3, develop Draft P802.16-REVd/D4 based on those resolutions, and initiate Recirculation*” David T. / 2nd Zion H. Approved by unanimous voice vote.

Motion – to put forward the following motion to the working group “*To request conditional approval from the LMSC EC to forward P802.16-REVd to RevCom*”. Shawn T. / 2nd David J. Motion passes by unanimous voice vote.

Bob N. / 2nd Jon L. – “*To adjourn the Task Group d meeting for this session*”.

Motion passes by unanimous voice vote.

Session recessed at 21:15 hr.

Database was revised during the closing plenary. IEEE 802.16-04/11r2 is made available but can't be uploaded to 'mercury' due to equipment problems. This version will be uploaded next week on the main IEEE server, TGd directory.