

IEEE 802.16e Task Group (Mobile WirelessMAN®)

IEEE 802.16's 802.16e Task Group developed an amendment to IEEE Standard 802.16 ("Air Interface for Fixed Broadband Wireless Access Systems"). The 802.16e amendment, covering "Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands," was approved, as IEEE Std 802.16e-2005, by the IEEE-SA Standards Board on 7 December 2005. It was published on 28 February 2006. With its work complete, the Task Group has been permanently terminated.

- [IEEE-SA Project Authorization Request \(PAR\) 802.16e](#) (approved 2004/09/23 by IEEE-SA Standards Board)
- [Original \(obsolete\) 802.16e PAR](#) (in effect 2002/12/11 - 2004/09/23)
- Email reflector: [stds-802-16-mobile](#)
- [802.16 TGe Upload Directory](#) (temporary file storage)
- [802.16's earlier Mobile Wireless MAN Study Group](#) that developed the 802.16e PAR.
- [IEEE P802.16e Development Schedule](#)
- [Status and Progress of Letter Ballot #14](#)
- [Draft and Standard Publication List](#)

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- [IEEE C802.16e-05/384r4](#)
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- [IEEE C802.16e-05/317](#)
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- [IEEE C802.16e-05/080](#)
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SDMA support in AAS mode for OFDMA PHY (Ran Yaniv, Tal Kaitz, Danny Stopler, Naftali Chayat, Vladimir Yanover)
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- [IEEE C802.16e-05/075](#)
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Downlink switched beam support in IEEE802.16e (Choong Il Yeh, Seong Rag Kim, In Kyeong Choi, Seung Joon Lee, Jong Ee Oh, Kwangjae Lim, Yu Ro Lee, Young Seog Song, Hyoung Soo Lim, Chulsik Yoon and Dong Seung Kwon, Inseok Hwang, Jaehee Cho)

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LDPC Support in IEEE802.16e (various authors)
- [IEEE C802.16e-05/066r2](#)
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Clarification on transmitter structure for MIMO precoding (Qinghua Li, Xintian Eddie Lin, Alexei Davydov, Nageen Himayat, Minnie Ho, Sumeet Sandhu, Uri Perlmutter, Yuval Lomnitz, Randall Schwartz, Jose Puthenkulam)
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Clarification on the allocation for beamformed pilots (Qinghua Li, Xintian Eddie Lin, Nageen Himayat, Minnie Ho, Randall Schwartz, Jose Puthenkulam)
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DL-MAP and UL-MAP CID Table IEs with Multiple DL MAPs (Mary Chion, Sean Cai, Jason Hou, Jing Wang, Dazi Feng, Jun Han, Irving Wang, Yigal Eliaspur, Yuval Lomnitz, Zivan Ori, Geunhwi Lim, Jiho Jang, Wonil Roh, Yong Chang, Seungju Maeng)
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- [IEEE C802.16e-04/557r4](#)
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Enhancement of STC with Antenna Grouping (Chan-Byoung Chae, Wonil Roh, Sung-Ryul Yun, Kyunbyoung Ko, Hongsil Jeong, JeongTae Oh, Seungjoo Maeng, Panyuh Joo, Jaeho Jeon, Jerry Kim, Soonyoung Yoon, Young-Ho Jung, Seung Hoon Nam, Jaehak Chung, Yungsoo Kim, Wen Tong, Peiying Zhu, Ming Jia, Dongsheng Yu, Hua Xu, Jianglei Ma, Mo-Han Fong, Hang Zhang, Brian Johnson, Young Seog Song, Seung Joon Lee, Dong Seung Kwon, Bin-Chul Ihm, Yongseok Jin, Jinyoung Chun, Kyuhyuk, Jington Joung, Jea Yeun Yoon, Yong H. Lee)
- [IEEE C802.16e-04/552r7](#)
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- [IEEE C802.16e-04/552r6](#)
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Symmetric UL/DL diversity permutations for OFDMA PHY (Ran Yaniv, Tal Kaitz, Vladimir Yanover, Naftali Chayat, Kfir Blum, Yoni Dallal, Danny Stopler, InSeok Hwang, Jaehee Cho, Soonyoung Yoon, Yuval Lomnitz, Dave Pechner, Todd Chauvin, Doug C. Dahlby, Bin-Chul Ihm, Yongseok Jin, Jinyoung Chun, Kyuhyuk Chung)
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Symmetric UL/DL diversity permutations for OFDMA PHY (Ran Yaniv, Tal Kaitz, Vladimir Yanover, Naftali Chayat, Yuval Lomnitz, Dave Pechner, Todd Chauvin, Doug C. Dahlby, Bin-Chul Ihm, Yongseok Jin, Jinyoung Chun, Kyuhyuk Chung)
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Improvements to the Uplink Channel Sounding Signaling for OFDMA (Frederick W. Vook, Xiangyang [Jeff] Zhuang, Kevin L. Baum, Timothy A. Thomas, Philippe J. Sartori, Zion Hadad)
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- [IEEE C802.16e-04/556](#)
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- [IEEE C802.16e-04/554r3 \(IEEE C802.16e-04/554\)](#)
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- [IEEE C802.16e-04/52](#)
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- [IEEE C802.16e-04/49r3](#) ([Rev. 2](#): 04/05/17; [Rev. 1](#): 04/05/13; [Rev. 0](#): 04/05/04)
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- [IEEE C802.16e-04/47r2](#) ([Rev. 1](#): 04/03/18; [Rev. 0](#): 04/03/18)
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- Koo, Jungje Son, Sohyun Kim, Seungeun Hong, Hyongoo Kang, Jaejung Shim, 04/03/05)
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- [IEEE C802.16e-04/16](#)
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- [IEEE C802.16e-04/15](#)
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- [IEEE C802.16e-04/06](#)
Channel Quality Information (CQI) Report for Mobility Support ([Chulsik Yoon](#), Jaeheung Kim, Kunmin Yeo, Soonyong Lim, Byunghan Ryu, 04/01/02)
- [IEEE C802.16e-04/05r1](#) ([Rev. 0](#): 04/01/02; [slides: simulation results](#))
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- [IEEE C802.16e-03/60r1](#) ([Rev. 0](#): 03/10/31)
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- [IEEE C802.16e-03/58](#)
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- [IEEE C802.16e-03/57r2](#) (Rev. 1: 03/11/08; Rev. 0: 03/10/30)
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- [IEEE C802.16e-03/55](#)
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- [IEEE C802.16e-03/20r1](#) ([Slides](#); [Rev. 0](#): 03/03/07)
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The TGe Leadership Team was:

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