

## Responses to Questions for the 802.16 WG from James Gilb

Date: Mon, 17 Mar 2014 12:25:48 -0700

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To: stds-802-sec@ieee.org

All

During our closing meeting during the plenary session we will be voting to confirm WG Chairs and WG Vice Chairs.

Prior to the confirmation vote for the 802.16 WG Chair and Vice Chair, I am going to ask that the 802.16 WG provide questions to the following questions:

- 1) Provide attendance numbers for the WG over last 2 years.
- 2) For each of the active PARs
  - a) What is the participation and contribution level (individuals and companies)?
  - b) Briefly describe the progress that the project made in the last year.
  - c) briefly state the future plan to complete the project.
- 3) What are the plans for future meetings? Will the WG meet only during plenaries?

I am not bringing this up as a negative regarding past or future leadership of 802.16, but rather to give the EC some insight into the group's future.

James Gilb

### ***Responses:***

- 1) Provide attendance numbers for the WG over last 2 years.

Please see <http://wirelessman.org/meetings/reports.htm>  for the attendance at previous 802.16 WG sessions.

- 2) For each of the active PARs
  - a) What is the participation and contribution level (individuals and companies)?
  - b) Briefly describe the progress that the project made in the last year.
  - c) briefly state the future plan to complete the project.

(1) The P802.16q PAR was approved in August 2012 and has been discussed at the subsequent eight WG sessions. A System Requirements Document was developed, followed by preparation of a draft standard. The WG has agreed to incorporate comment resolutions, adopt the draft, and forward it for WG Letter Ballot, to conclude in time for comment resolution in July 2014. The project is targeted for completion by March 2015. The document archive includes 143 documents indicated for P802.16q, from participants with affiliations including ETRI and KAIST IT Convergence.

(2) The P802.16r PAR was approved in December 2012 and has been discussed at the subsequent six WG sessions. An Architecture and Requirements document is in development.

The schedule predicted in the PAR has not been met. The document archive includes 79 documents indicated for P802.16r, from participants with affiliations including Airspan, BLiNQ Networks, EthAirNet Associates, ITRI, and NEC. Due to the topic of the PAR, the project has a linkage with the upcoming P802.1CF OmniRAN Project and is likely to develop over time in parallel with future development of the P802.1CF Network Reference Model.

(3) The P802.16.3 PAR was approved in December 2012 and has been discussed at the subsequent six WG sessions. On 29 July 2013, the WG (through IEEE-SA) issued a Call for Participation announcing an electronic-based process allowing participation without travel. An Architecture and Requirements document is in development. The schedule predicted in the PAR has not been met. The document archive includes 47 documents indicated for P802.16.3, from participants with affiliations including Bims Laboratories, Consensii LLC, Mobile Pulse, Inc., and Tektronix Communications.

### 3) What are the plans for future meetings? Will the WG meet only during plenaries?

For the remainder of 2014, the WG plans to meet face-to-face only at 802 Plenaries and to hold teleconferences in lieu of interim sessions.

## IEEE 802.16 Session Reports

### Reports of Previous Sessions of the IEEE 802.16 Working Group on Broadband Wireless Access Standards

See also [Future Sessions](#)

Session		Start Date	Site	Attendance	<a href="#">Participation</a>	Host
<a href="#">#89</a>	<a href="#">Report</a>	20-23 January 2014	Los Angeles, CA, USA	10	7	IEEE 802 Wireless Interim
<a href="#">#88</a>	<a href="#">Report</a>	11-14 Nov 2013	Dallas, TX, USA	9	7	IEEE 802
<a href="#">#87</a>	Cancelled	Sept 2013	-	-	-	-
<a href="#">#86</a>	<a href="#">Report</a>	15-18 July 2013	Geneva, Switzerland	13	10	IEEE 802
<a href="#">#85</a>	<a href="#">Report</a>	13-16 May 2013	Waikoloa, HI, USA	9	6	IEEE 802 Wireless Interim
<a href="#">#84</a>	<a href="#">Report</a>	18-21 March 2013	Orlando, FL, USA	7	6	IEEE 802
<a href="#">#83</a>	<a href="#">Report</a>	14-17 Jan 2013	Vancouver, BC, Canada	16	9	IEEE 802 Wireless Interim
<a href="#">#82</a>	<a href="#">Report</a>	12 November 2012	San Antonio, CA, USA	24	12	IEEE 802
<a href="#">#81</a>	<a href="#">Report</a>	17 September 2012	Indian Wells, CA, USA	25	13	IEEE 802 Wireless Interim
<a href="#">#80</a>	<a href="#">Report</a>	16 July 2012	San Diego, CA, USA	32	20	IEEE 802
<a href="#">#79</a>	<a href="#">Report</a>	14 May 2012	Atlanta, Georgia, USA	26	19	IEEE 802 Wireless Interim
<a href="#">#78</a>	<a href="#">Report</a>	12 March 2012	Waikoloa, Hawaii, USA	35	25	IEEE 802
<a href="#">#77</a>	<a href="#">Report</a>	16 January 2012	Jacksonville, Florida, USA	40	30	IEEE 802 Wireless Interim
<a href="#">#76</a>	<a href="#">Report</a>	7 November 2011	Atlanta, GA, USA	71	61	IEEE 802
<a href="#">#75</a>	<a href="#">Report</a>	19 September 2011	Bangkok, Thailand	55	53	National Electronics and Computer Technology Center (NECTEC)
<a href="#">#74</a>	<a href="#">Report</a>	18 July 2011	San Francisco,	82	55	IEEE 802

			CA, USA			
<a href="#">#73</a>	<a href="#">Report</a>	16 May 2011	Lake Louise, AB, Canada	76	72	Ron Murias
<a href="#">#72</a>	<a href="#">Report</a>	14 March 2011	Singapore	95	80	IEEE 802
<a href="#">#71</a>	<a href="#">Report</a>	10 January 2011	Taipei, Taiwan	111	106	Ching-Tarng Hsieh (ITRI); MediaTek; Global Mobile
<a href="#">#70</a>	<a href="#">Report</a>	8 November 2010	Dallas, Texas, USA	130	113	IEEE 802
<a href="#">#69</a>	<a href="#">Report</a>	13 September 2010	St. Petersburg, Russia	108	108	Alexander Maltsev (Intel Russia); Yota
<a href="#">#68.5</a>	<a href="#">Report</a>	16 August 2010	Calgary, Alberta, Canada	84	82	Ron Murias
<a href="#">#68</a>	<a href="#">Report</a>	11 July 2010	San Diego, California, USA	164	150	IEEE 802
<a href="#">#67</a>	<a href="#">Report</a>	10 May 2010	Bangalore, India	136	136	J. Klutto Milleth and Kiran Kuchi (CEWIT)
<a href="#">#66</a>	<a href="#">Report</a>	15 March 2010	Orlando, Florida, USA	209	177	IEEE 802
<a href="#">#65</a>	<a href="#">Report</a>	11 January 2010	La Jolla, San Diego, CA, USA	216	181	IEEE 802
<a href="#">#64</a>	<a href="#">Report</a>	16 November 2009	Atlanta, Georgia, USA	246	208	802 Plenary
<a href="#">#63.5</a>	<a href="#">Report</a>	21 September 2009	Waikoloa, Hawaii, USA	148	139	802.11 & 802.15 WGs
<a href="#">#63</a>	<a href="#">Report</a>	31 Aug 2009	Jeju, Korea	257	216	Hokyu Choi (Samsung Electronics)
<a href="#">#62</a>	<a href="#">Report</a>	13 July 2009	San Francisco, California, USA	281	246	802 Plenary
<a href="#">#61</a>	<a href="#">Report</a>	4 May 2009	Cairo, Egypt	210	206	Fadel Digham, Ahmed Shalash, and Mohamed Khairy (National Telecom Regulatory Authority of Egypt [NTRA] and Cairo University)

<a href="#">#60</a>	<a href="#">Report</a>	9 March 2009	Vancouver, BC, Canada	311	291	802 Plenary
<a href="#">#59</a>	<a href="#">Report</a>	12 Jan 2009	La Jolla, CA, USA	310	297	Lei Wang (NextWave Wireless)
<a href="#">#58</a>	<a href="#">Report</a>	10 Nov 2008	Dallas, TX, USA	394	361	802 Plenary
<a href="#">#57</a>	<a href="#">Report</a>	16 September 2008	Kobe, Japan	415	371	Mitsuo Nohara, KDDI
<a href="#">#56</a>	<a href="#">Report</a>	14 July 2008	Denver, CO, USA	456	412	802 Plenary
<a href="#">#55</a>	<a href="#">Report</a>	12 May 2008	Macao, P.R. China	402	378	Jianmin Lu, Huawei (China Mobile, Huawei, ZTE, and CATR)
<a href="#">#54</a>	<a href="#">Report</a>	17 Mar 2008	Orlando, FL, USA	430	406	802 Plenary
<a href="#">#53</a>	<a href="#">Report</a>	21 Jan 2008	Levi, Finland	303	302	Carl Eklund (Nokia and Nokia Siemens Networks)
<a href="#">#52</a>	<a href="#">Report</a>	12 Nov 2007	Atlanta, GA, USA	443	417	802 Plenary
<a href="#">#51</a>	<a href="#">Report</a>	17 Sep 2007	Malaga, Spain	288	275	Gordon Antonello (AT4 wireless)
<a href="#">#50</a>	<a href="#">Report</a>	16 Jul 2007	San Francisco, CA, USA	462	400	802 Plenary
<a href="#">#49</a>	<a href="#">Report</a>	07 May 2007	Portland, OR, USA	303	289	Jose Puthenkulam (Intel Corp.)
<a href="#">#48</a>	<a href="#">Report</a>	12 Mar 2007	Orlando, FL, USA	360	329	802 Plenary
<a href="#">#47</a>	<a href="#">Report</a>	15 Jan 2007	London, UK	274	227	IEEE 802
<a href="#">#46</a>	<a href="#">Report</a>	13 Nov 2006	Dallas, TX, USA	322	290	802 Plenary
<a href="#">#45</a>	<a href="#">Report</a>	25 Sep 2006	Mont Tremblant, PQ, Canada	191	182	Frank Draper (Wavesat Inc., along with InterDigital Communications & Redline Communications)
<a href="#">#44</a>	<a href="#">Report</a>	17 Jul 2006	San Diego, CA, USA	309	278	802 Plenary
<a href="#">#43</a>	<a href="#">Report</a>	08 May 2006	Tel Aviv, Israel	122	111	Naftali Chayat (Alvarion)
<a href="#">#42</a>	<a href="#">Report</a>	06 Mar 2006	Denver, CO, USA	218	174	802 Plenary

<a href="#">#41</a>	<a href="#">Report</a>	09 Jan 2006	New Delhi, India	111	99	Aditya Agrawal (Beceem Communications)
<a href="#">#40</a>	<a href="#">Report</a>	14 Nov 2005	Vancouver, BC, Canada	192	126	802 Plenary
<a href="#">#39</a>	<a href="#">Report</a>	12 Sep 2005	Taipei	225	175	Arthur Wang and Stanley Wang (ITRI; co-hosted by CyberTAN Technology)
<a href="#">#38</a>	<a href="#">Report</a>	18 Jul 2005	San Francisco, CA, USA	341	287	802 Plenary
<a href="#">#37</a>	<a href="#">Report</a>	02 May 2005	Sorrento, Italy	218	206	Giulio Cavalli and Magda Salodini (Siemens Communications)
<a href="#">#36</a>	<a href="#">Report</a>	14 Mar 2005	Atlanta, GA, USA	340	285	802 Plenary
<a href="#">#35</a>	<a href="#">Report</a>	24 Jan 2005	Sanya, Hainan, China	313	301	Lucy Chen and Kathy Woo (Huawei Technologies Co.)
<a href="#">#34</a>	<a href="#">Report</a>	15 Nov 2004	San Antonio, TX, USA	367	299	802 Plenary
<a href="#">#33</a>	<a href="#">Report</a>	30 Aug 2004	Seoul, Korea	288	237	Panyuh Joo and Changhoi Koo (Samsung Corporation)
<a href="#">#32</a>	<a href="#">Report</a>	12 Jul 2004	Portland, OR, USA	333	272	802 Plenary
<a href="#">#31</a>	<a href="#">Report</a>	17 May 2004	Shenzhen, China	228	188	Rajesh Bhalla (ZTE Corporation)
<a href="#">#30</a>	<a href="#">Report</a>	15 Mar 2004	Orlando, FL, USA	222	179	802 Plenary
<a href="#">#29</a>	<a href="#">Report</a>	12 Jan 2004	Vancouver, BC, Canada	131	105	IEEE 802
<a href="#">#28</a>	<a href="#">Report</a>	10 Nov 2003	Albuquerque, NM, USA	116	86	802 Plenary
<a href="#">#27</a>	<a href="#">Report</a>	08 Sep 2003	Denver, CO, USA	54	44	Roger Marks (IEEE Microwave Theory and Techniques Society)
<a href="#">#26</a>	<a href="#">Report</a>	21 Jul 2003	San Francisco, CA, USA	82	53	802 Plenary
<a href="#">#25</a>	<a href="#">Report</a>	12 May 2003	Dallas, TX, USA	60	44	IEEE 802

<a href="#">#24</a>	<a href="#">Report</a>	10 Mar 2003	Dallas, TX, USA	78	30	802 Plenary
<a href="#">#23</a>	<a href="#">Report</a>	13 Jan 2003	San Jose, CA, USA	74	62	Dean Chang (Aperto Networks), with WCA
<a href="#">#22</a>	<a href="#">Report</a>	11 Nov 2002	Koloa, Kauai, HI, USA	84	57	802 Plenary
<a href="#">#21</a>	<a href="#">Report</a>	22 Sep 2002	Jeju, Korea	64	54	Panyuh Joo (Samsung Electronics Co.)
<a href="#">#20</a>	<a href="#">Report</a>	08 Jul 2002	Vancouver, BC, Canada	97	77	802 Plenary
<a href="#">#19</a>	<a href="#">Report</a>	20 May 2002	Calgary, AB, Canada	97	74	Shawn Taylor (Wi-LAN Inc.)
<a href="#">#18</a>	<a href="#">Report</a>	11 Mar 2002	St. Louis, MO, USA	90	73	802 Plenary
<a href="#">#17</a>	<a href="#">Report</a>	21 Jan 2002	Levi, Finland	54	54	Carl Eklund (Nokia)
<a href="#">#16</a>	<a href="#">Report</a>	12 Nov 2001	Austin, TX, USA	107	88	802 Plenary
<a href="#">#15</a>	<a href="#">Report</a>	10 Sep 2001	Denver, CO, USA	97	97	Roger Marks (IEEE Microwave Theory and Techniques Society)
<a href="#">#14</a>	<a href="#">Report</a>	09 Jul 2001	Portland, OR, USA	142	126	802 Plenary
<a href="#">#13</a>	<a href="#">Report</a>	14 May 2001	Orlando, FL, USA	150	127	802.11/802.15
<a href="#">#12</a>	<a href="#">Report</a>	12 Mar 2001	Hilton Head, SC, USA	179	165	802 Plenary
<a href="#">#11</a>	<a href="#">Report</a>	22 Jan 2001	Ottawa, ON, Canada	168	150	JosŽ Costa (Nortel)
<a href="#">#10</a>	<a href="#">Report</a>	06 Nov 2000	Tampa, FL, USA	212	174	802 Plenary
<a href="#">#9</a>	<a href="#">Report</a>	11 Sep 2000	Denver, CO, USA	144	126	Roger Marks (IEEE Radio and Wireless Conference)
<a href="#">#8</a>	<a href="#">Report</a>	10 Jul 2000	La Jolla, CA, USA	166	128	802 Plenary
<a href="#">#7</a>		01 May 2000	Gaithersburg, MD, USA	158	116	Yunsang Park (Hughes Network Systems)
<a href="#">#6</a>		06 Mar 2000	Albuquerque, NM, USA	107	107	802 Plenary
<a href="#">#5</a>		10 Jan 2000	Richardson, TX, USA	92	92	Leland Langston (Crosspan)
<a href="#">#4</a>		08 Nov 1999	Kauai, HI, USA	107	90	802 Plenary

<a href="#">#3</a>		13 Sep 1999	Boulder, CO, USA	36	36	<a href="#">Roger Marks (IEEE Microwave Theory and Techniques Society)</a>
<a href="#">#2</a>		04 Aug 1999	Denver, CO, USA	25	25	<a href="#">Roger Marks (IEEE Microwave Theory and Techniques Society)</a>
<a href="#">#1</a>		06 Jul 1999	Montreal, PQ, Canada	130	106	<a href="#">802 Plenary</a>
<a href="#">#0</a>		10 May 1999	Boulder, CO, USA	49	49	<a href="#">Roger Marks (IEEE Microwave Theory and Techniques Society)</a>
SG2		09 Mar 1999	Austin, TX, USA			<a href="#">802 Plenary</a> <a href="#">802 Study Group on Broadband Wireless Access, Second Session</a>
SG1		13 Jan 1999	Orlando, FL, USA	54	54	<a href="#">Al Petrick (IEEE 802.11 Working Group)</a> <a href="#">802 Study Group on Broadband Wireless Access, First Session</a>
N-WEST #2		09 Nov 1998	Albuquerque, NM, USA			<a href="#">802 Plenary</a> <a href="#">Second N-WEST Meeting</a>
N-WEST#1		09 Aug 1998	Colorado Springs, CO, USA			<a href="#">Roger Marks (IEEE Radio and Wireless Conference)</a> <a href="#">First N-WEST Meeting</a>

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