**DRAFT** PAR 802.16Rev4 for Revision to IEEE Std 802.16

**Section 1**

**1.1 ASSIGNED PROJECT NUMBER:**

802.16

**1.2 TYPE OF DOCUMENT:**

Standard

**1.3 LIFE CYCLE:**

Full Use

**Section 2**

**2.1 PROJECT TITLE:**

Standard for Air Interface for Broadband Wireless Access Systems

**Section 3**

**3.1 WORKING GROUP:**

Broadband Wireless Access Working Group (C/LM/WG802.16)

**3.2 SPONSORING SOCIETY AND COMMITTEE:**

IEEE Computer Society/LAN/MAN Standards Committee (C/LM)

**3.3 JOINT SPONSOR:**

MTT/SCC Standards Coordinating Committee

**Section 4**

**4.1 SPONSOR BALLOTING INFORMATION:**

Individual

**4.2 EXPECTED DATE OF SUBMISSION OF DRAFT TO THE IEEE-SA FOR INITIAL SPONSOR BALLOT:**

Jul/2017

**4.3 PROJECTED COMPLETION DATE FOR SUBMITTAL TO REVCOM:**

Feb/2018

**Section 5**

**5.1 APPROXIMATE NUMBER OF PEOPLE EXPECTED TO BE ACTIVELY INVOLVED IN THE DEVELOPMENT OF THIS PROJECT:**

10

**5.2 SCOPE OF PROPOSED STANDARD:**

This standard specifies the air interface, including the medium access control layer (MAC) and physical layer (PHY), of combined fixed and mobile point-to-multipoint broadband wireless access (BWA) systems providing multiple services. The MAC is structured to support the WirelessMAN-SC, WirelessMAN-OFDM, and WirelessMAN-OFDMA PHY specifications, each suited to a particular operational environment.

**5.3 IS THE COMPLETION OF THIS STANDARD CONTINGENT UPON THE COMPLETION OF ANOTHER STANDARD?:**

Yes

**5.4 WILL THIS DOCUMENT CONTAIN A PURPOSE CLAUSE?:**

Yes

**IF YES, ENTER THE PURPOSE OF PROPOSED STANDARD:**

This standard enables rapid worldwide deployment of innovative, cost-effective, and interoperable multivendor broadband wireless access products, facilitates competition in broadband access by providing alternatives to wireline broadband access, encourages consistent worldwide spectrum allocation, and accelerates the commercialization of broadband wireless access systems.

**5.5 NEED FOR THE PROJECT:**

Revision of the standard is required to incorporate three amendments (P802.16p-2012, P802.16n-2013, and P802.16q-2015)

**5.6 STAKEHOLDERS FOR THE STANDARD:**

ITU-R Working Party 5D, the WiMAX Forum, vendors developing IEEE 802.16 products, and operators using IEEE 802.16 products.

**Section 6**

**6.1 Intellectual Property:**

**A. IS THE SPONSOR AWARE OF ANY COPYRIGHT PERMISSIONS NEEDED FOR THIS PROJECT?:**

No

**B. IS THE SPONSOR AWARE OF POSSIBLE REGISTRATION ACTIVITY RELATED TO THIS PROJECT?:**

No

**Section 7**

**7.1 ARE THERE OTHER STANDARDS OR PROJECTS WITH A SIMILAR SCOPE?:**

No

**7.2 JOINT DEVELOPMENT - IS IT THE INTENT TO DEVELOP THIS DOCUMENT JOINTLY WITH ANOTHER ORGANIZATION?:**

No

**7.3 International Standards Activities**

**A. ADOPTIONS - IS THERE POTENTIAL FOR THIS STANDARD TO BE ADOPTED BY ANOTHER ORGANIZATION?:**

Yes

If yes, please indicate the organization, technical committee name/number and contact person within external organization

**ORGANIZATION:**

ITU-R▼

**TECHNICAL COMMITTEE NAME:**

IMT Systems

**TECHNICAL COMMITTEE NUMBER:**

WP 5D

**CONTACT NAME:**

Mike Lynch

**PHONE:**

**EMAIL:**

mjlynch@mjlallc.com

**B. HARMONIZATION - ARE YOU AWARE OF ANOTHER ORGANIZATION THAT MAY BE INTERESTED IN PORTIONS OF THIS DOCUMENT IN THEIR STANDARDIZATION DEVELOPMENT EFFORTS?:**

No

**7.4 DOES THE SPONSOR FORESEE A LONGER TERM NEED FOR TESTING AND/OR CERTIFICATION SERVICES TO ASSURE CONFORMITY TO THE STANDARD?:**

No

**ADDITIONALLY, IS IT ANTICIPATED THAT TESTING METHODOLOGIES WILL BE SPECIFIED IN THE STANDARD TO ASSURE CONSISTENCY IN EVALUATING CONFORMANCE TO THE CRITERIA SPECIFIED IN THE STANDARD?:**

No

**7.5 INDICATE IF YOU WOULD LIKE IEEE-SA STAFF TO SUBMIT YOUR PROJECT TO THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) FOR APPROVAL CONSIDERATION AS AN AMERICAN NATIONAL STANDARD:**

Yes

**Section 8**

**8.1 ADDITIONAL EXPLANATORY NOTES:**

*For a revision PAR, a brief explanation of why the Standard is being revised shall be included in 8.1.*

*Include the Item # in front of each explanation to distinguish which PAR field it is referring to.*

Revision of the standard is required to incorporate three amendments (P802.16p-2012, P802.16n-2013, and P802.16q-2015)

**8.2 IEEE Code of Ethics**

I acknowledge that I have read and I understand the [IEEE Code of Ethics](http://www.ieee.org/about/ethics.html)

I agree to conduct myself in a manner that adheres to the IEEE Code of Ethics when engaged in official IEEE business.