Source: Steve Shellhammer

Suggested wording changes to 802.16m PAR and 5C

PAR

5.2 Scope

This amendment provides an advanced air interface to ~~meet the requirements of next generation mobile networks. This standard is intended for incorporation~~ be submitted into the IMT-Advanced standardization ~~activity~~ process being conducted by the International Telecommunication~~s~~ Union – Radiocommunications Sector (ITU-R). The amendment is based on the WirelessMAN-OFDMA specification and provides ~~continuing support for~~backward compatibility with legacy subscriber stations.

5.4 Purpose

The purpose of this standard is to update the WirelessMAN-OFDMA air interface in accordance with the requirements defined for the internationally agreed radio interface standards for IMT-Advanced next generation mobile networks. ~~such as IMT-Advanced~~

7.1 Other Standards or Projects

Other standards ~~developing~~ development organizations, including other IEEE 802 working groups, may develop proposals for inclusion in IMT-Advanced. However, we have no specific knowledge of such proposals at this time.

Five Criteria

Distinct Identity

a) No ~~other~~ existing IEEE 802 standard meets the preliminary IMT-Advanced target requirements, including 1 Gbit/s data rate in low mobility applications and 100 Mbit/s in high-speed mobility applications.

b) The 802.16m amendment will be the only submission from the IEEE 802.16 working group to ITU-R for inclusion in IMT-Advanced. Independently other 802 working groups may also make submissions to the ITU-R for inclusion in IMT-Advanced. The IMT-Advanced radio interfaces will be developed through consensus-building to achieve appropriate harmonization.

Technical Feasibility

d) ~~not applicable since the project is only for licensed operation.~~The working group will produce a coexistence assurance (CA) document in cases where IEEE 802.16m will operate in unlicensed bands.