letter OF CONVEYANCE WITH REGARD TO INTENT ON SUBMITTED MATERIALS TO ITU-R IN RELATION TO THE GLOBAL CORE SPECIFICATIONS, TRANSPOSED STANDARDS REFERENCES, AND RECOMMENDATION ITU-R M.1457

Date: 2 June 2010

To: Colin Langtry, Counsellor, ITU-R Study Group 5

From: Michael Lynch, IEEE-SA Technical Liaison to ITU-R

Subject: Conveyance of disclosure for Global Core Specification (GCS) Related Materials

The undersigned, a duly authorized representative of IEEE,affirms its intentions with regard to the subsequent material being submitted to the ITU as indicated by the responses selected in Part A and Part B below.

# PART A

# CONCURRANCE ON CHANGES TO GCS SUBMISSION BY IEEE and WiMAX Forum

# SDO has approved or intends to approve (as such approval is defined within SDO) proposed changes shown in Annex 1 to the GCS as submitted to the ITU by IEEE and WiMAX Forum in June 2010. Furthermore, SDO fully supports changes as submitted.

# Note: IEEE has no means to “approve” the content of WiMAX Forum specifications. These are developed and maintained by WiMAX Forum alone.

# PART B

# INTENT TO TRANSPOSE ITU APPROVED GCS AS RELATES TO GCS SUBMISSION REFERENCED IN “PART A”

SDO will agree to “transpose” GCS version of IEEE documents as approved by ITU, providing accommodation for minimal regional differences while maintaining close consistency with the ITU agreed GCS.

Signed,

Michael Lynch

IEEE-SA Technical Liaison to ITU-R

Encl: Annex 1

cc: Terry deCourcelle, IEEE-SA Administrative Liaison to ITU-R

Paul Nikolich, Chair, IEEE 802 LAN/MAN Standards Committee

Oksana Davis, Secretary, WiMAX Forum

Annex 1: FULL TITLE AND SUMMARY DESCRIPTION OF SUBMITTED MATERIALS

**GCS Documents for Recommendation M.1457-9, Section 5.6**

***Documents relevant to Release 1***

**IEEE Std 802.16-2004**

**IEEE Standard for Local and metropolitan area networks – Part 16: Air Interface for Fixed Broadband Wireless Access Systems**

This revised standard specifies the air interface, including the medium access control layer and multiple physical layer specifications, of fixed BWA systems supporting multiple services. It consolidates IEEE Std 802.16™, IEEE Std 802.16a™, and IEEE Std 802.16c™, retaining all modes and major features without adding modes. Content is added or revised to improve performance, ease deployment, or replace incorrect, ambiguous, or incomplete material, including system profiles.”

**IEEE Std 802.16e-2005 and Cor1**

**IEEE Standard for Local and metropolitan area networks – Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems – Amendment 2: Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands**

This document provides enhancements to IEEE Std 802.16-2004 to support subscriber stations moving at vehicular speeds and thereby specifies a system for combined fixed and mobile broadband wireless access. Functions to support higher layer handover between base stations or sectors are specified. Operation is limited to licensed bands suitable for mobility below 6 GHz. Fixed IEEE 802.16 subscriber capabilities are not compromised. In addition to mobility enhancements, this document contains substantive corrections to IEEE 802.16-2004 regarding fixed operation

**IEEE Std 802.16f-2005**

**IEEE Standard for Local and metropolitan area networks – Part 16: Air Interface for Fixed Broadband Wireless Access Systems – Amendment 1: Management Information Base)**

This document provides enhancements to IEEE Std 802.16-2004 to define a management information base (MIB) for the MAC and PHY and associated management procedures.

**WiMAX Forum® Mobile System Profile Release 1 – IMT-2000 Edition**

This provides the complete WiMAX Forum® Mobile System Profile, Release 1.

***Documents relevant to Release 1.5***

**IEEE P802.16Rev2**

**(Draft) Standard for Local and metropolitan area networks – Part 16: Air Interface for Broadband Wireless Access Systems**

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 multiple PHY specifications, each suited to a particular operational environment.

**IEEE Std 802.16j**

This amendment updates and expands IEEE Std 802.16-2009, specifying physical layer and medium access control layer enhancements to IEEE Std 802.16 for licensed bands to enable the operation of relay stations. Subscriber station specifications are not changed.

**WiMAX Forum® Mobile System Profile Specification: Release 1.5 - Common Part**

This specification describes the features of the WiMAX Forum® Mobile System Profile, Release 1.5. It includes the features common to both the TDD and FDD operational modes.

**WiMAX Forum® Mobile System Profile Specification: Release 1.5 – TDD Specific Part**

This specification describes the features of the WiMAX Forum® Mobile System Profile, Release 1.5. It includes the features specific to the TDD operational mode.

**WiMAX Forum® Mobile System Profile Specification: Release 1.5 – FDD Specific Part**

This specification describes the features of the WiMAX Forum® Mobile System Profile, Release 1.5. It includes the features specific to the FDD operational mode.

**WiMAX Forum® Mobile Radio Specification**

This specification describes the radio features of the WiMAX Forum® Mobile System Profile, Release 1.5.