IEEE 802.16 Working Group on Broadband Wireless Access
http://WirelessMAN.org

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Lily Chen
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Dear Ms. Chen:

Discussions between Tim Polk of NIST and the 802.16 Working Group's IETF Liaison
Officer, David Johnston, during the IETF meeting of 5 November 2006, resulted in the
suggestion that 802.16 discuss with you a forthcoming key hierarchy NIST standard and
its relationship to the IEEE 802.16 standard.

The IEEE 802.16 Working Group has developed standards for fixed and mobile
broadband wireless access systems. The published standards IEEE 802.16-2004 and the
amendment IEEE 802.16e-2005 (+Corrigendum 1) define the Privacy and Key
Management version 2 (PKMv2) protocol that includes a Key Derivation Function
(KDF) and a Key Hierarchy. This is a part of the security sublayer of IEEE 802.16 that
provides link security for 802.16 connections. The IEEE 802.16 standards are available at
<http://standards.ieee.org/getieee802/802.16.html>.

We would like to explore the opportunities to ensure compliance of IEEE 802.16 with a
future NIST standard on Key Hierarchies.

We greatly appreciate your help and input in this matter.

Sincerely,

Roger B. Marks
Chair, IEEE 802.16 Working Group on Broadband Wireless Access

cc: Tim Polk, NIST
    David Johnston