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| Project | **IEEE 802.16 Broadband Wireless Access Working Group <**<http://ieee802.org/16>**>** |
| Title | ***Proposed IEEE Std 802.16 Amendment for Proximity based Communications*** |
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| Re: | none |
| Abstract | This document proposes to the IEEE 802.16 Working Group a draft PAR and Five Criteria for a project on Proximity based Direct Communications. |
| Abstract | This document proposes a project to amend IEEE Std 802.16 for Proximity based Direct Communications (PDC). |
| Purpose | This proposal requests that the Project Planning Committee complete a draft PAR and Five Criteria on PDC applications, forwarding the result to the Session #81 Closing Plenary of the IEEE 802.16 Working Group. |
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Proposed IEEE Std 802.16 Amendment for

Proximity based Direct Communications

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ETRI

# Abstract

This document proposes a project to amend IEEE Std 802.16 for Proximity based Direct Communications (PDC).

# Purpose

This proposal requests that the Project Planning Committee Group complete a draft PAR and Five Criteria on PDC, forwarding the result to the Session #81 Closing Plenary of the IEEE 802.16 Working Group.

# Introduction

At IEEE 802.16’s Session #79, there was an introduction to what proximity-based applications can offer as an enhancement to direct communication functionality. At Session #80, another presentation on Proximity based Direct Communications for enhancing direct communication feature was given to explain the use cases and to list differences between direct communications supported in GRIDMAN TG and Proximity based Direction Communication (PDC).

This proposal requests that the Project Planning Committee develop an output document, including a draft PAR and Five Criteria Statement on Proximity based Direct Communication Applications, forwarding it to the Session #81 Closing Plenary of the IEEE 802.16 Working Group. It proposes that the content of the draft PAR and Five Criteria Statement be based on the drafts referenced in “Companion Contributions” below.

# Proposal

This contribution requests that the Project Planning Committee Group take the following actions:

1. Forward IEEE 802.16-12-0570 as to make consensus, to the IEEE 802.16 Working Group as the Project Authorization Request (PAR) and Five Criteria Statement of a new standardization project, requesting that the WG forward them to IEEE 802 for action at the November 2012 IEEE 802 Plenary.

# Motion

To approve document IEEE 802.16-12-0570-01 a proposed PAR and Five Criteria for Proximity based Communications, forwarding to the IEEE 802.16 WG for submission to the IEEE 802 EC.

# Companion Contributions

This contribution is one of a set of contributions:

•IEEE 802.16-12-0353-00-Gcon: *Enhancements to support direct communications for proximity based applications*

•IEEE 802.16-12-0461-00-Gcon: *Enhancements to direct communication for proximity based applications*

•IEEE 802.16-12-0462-00-Gcon: *Fully distributed infrastructure-less proximity based direct communication for 802.16*

•IEEE 802.16-12-0570-00-Gcon: *IEEE Std 802.16 Amendment for Proximity based Direct Communications: Proposed PAR and 5C*