

**Project: IEEE P802.15 Working Group for Wireless Personal Area Networks  
(WPANs)**

**Submission Title:** Proposal for Coordination of TG3d and the potential new TG3e

**Date Submitted:** 5 November 2014

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**Re:** n/a

**Abstract:** The document presents a proposal for an efficient sharing and split of the work between TG3d and a potential new TG3e

**Purpose:** Information of TG3d

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# Introduction

- Two main items are relevant
  - Leadership
    - A good option seems to be having the same leadership in both groups.
  - Supporting documents to prepare the CfP
    - A strategy seems to be to share the work where possible and split the work where necessary.
    - The following slides contain a proposal, how this split can be done.

# Documents (to be) prepared within TG3d (1/3)

- In preparation of the standard's amendment document the following five documents will be created:
  - Application Requirements Document (ARD)
  - Technical Requirements Document (TRD)
  - Channel Modelling Document (CMD)
  - Evaluation Criteria Document (ECD)
  - Call for Proposals (CfP)

# Documents (to be) prepared within TG3d (2/3)

- Application Requirements Document (ARD)
  - The ARD will contain description on applications and use cases with performance and functional requirements
- Technical Requirements Document (TRD)
  - The TRD will serve as a guideline to develop technical proposals satisfying the requirements
- Channel Modelling Document (CMD)
  - The CMD will contain descriptions of the propagation characteristics and channel models of the operational environments relevant for the considered applications (e. g. data required to calculate link budgets)
  - The CMD will support the evaluation of the proposals

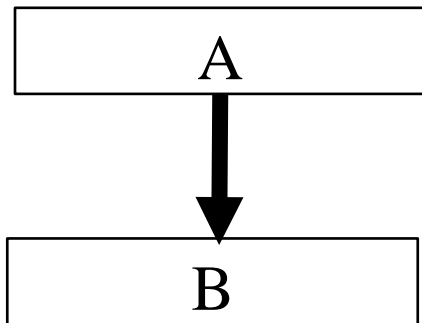
# Documents (to be) prepared within TG3d (3/3)

- Evaluation Criteria Document (ECD)
  - The ECD will serve as a framework for evaluating proposals with some performance criteria
- Call for Proposals (CfP)
  - The CfP will be the formal document to trigger submission of proposals to be included in the standard.
  - The ARD, TRD, CMD and ECD will serve as a reference.

# Assumptions

- Given the fact that TD 3d concentrates on the PHY for various applications and 3e will concentrate the MAC for the close-proximity application the following can be assumed:
  - ARD and CMD are common to both TG
  - TRD, ECD and CfP will be different for both groups

# Legend for following slide



Document A provides input or serves as a reference to document B



Doc. created by TG3d



Doc. created by TG3e

# Sharing and split of supporting documents between TG3d and potential TG3e

