

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

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

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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

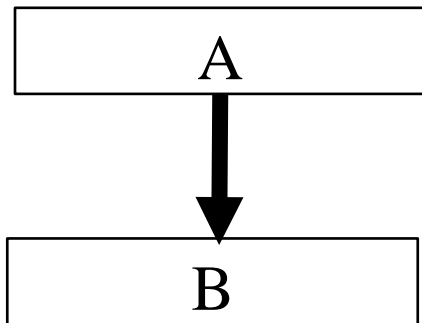
Documents (to be) prepared within TG3d (3/3)

- 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, PED 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

