

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

Submission Title: Editing rules for drafting the 1st Working Draft (WD)

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Re: 1st Working Draft (WD) of IEEE STd 802.15.4e as an Amendment

Abstract: Editing rules for drafting the 1st Working Draft (WD) of IEEE STd 802.15.4e as an Amendment

Purpose: Subgroup update for 802.15.4e

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Editing rules for drafting the 1st Working Draft (WD)

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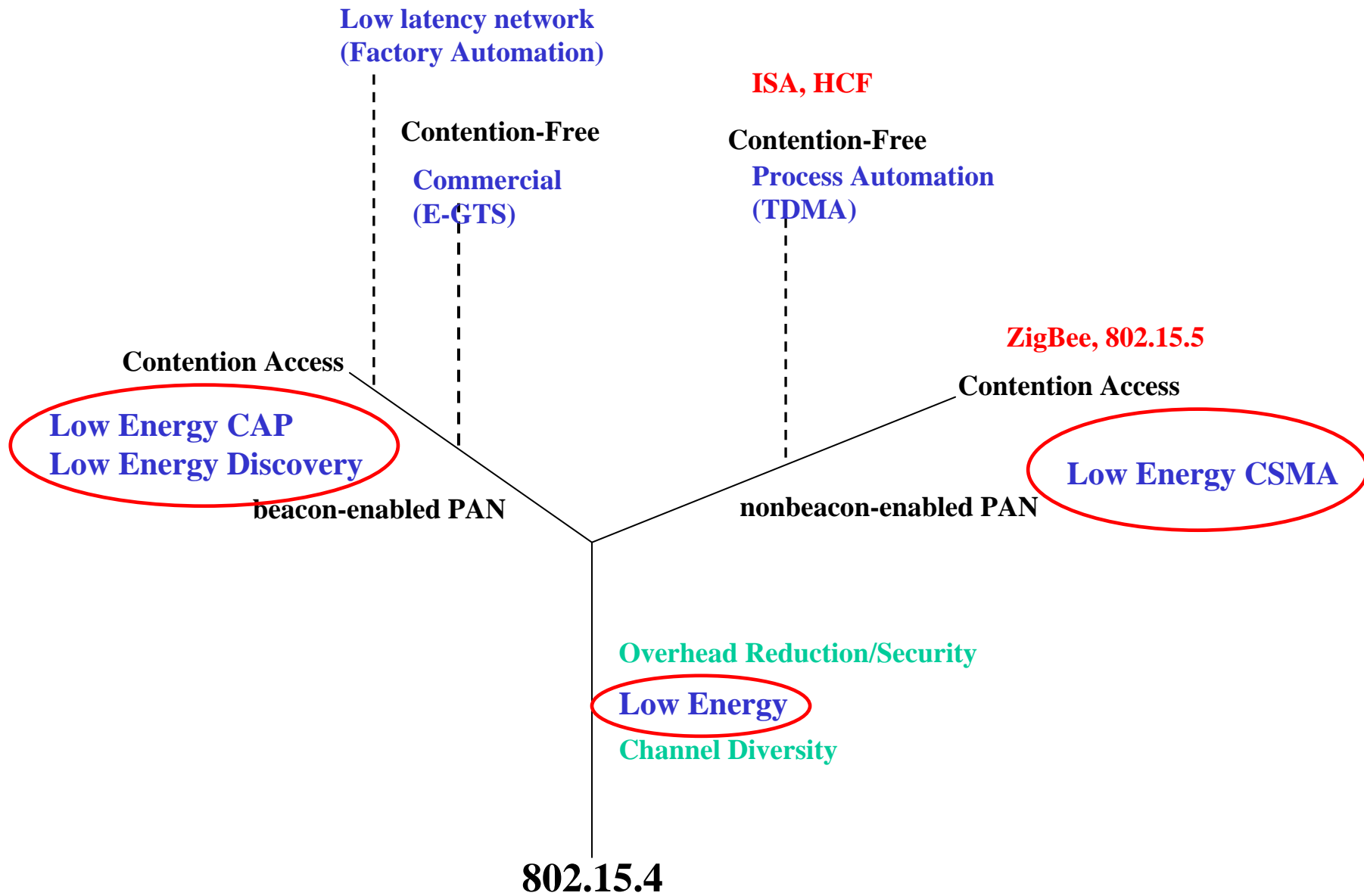
Liang Li, Vinno

Starting Point

- Baseline shall be
IEEE Std 802.15.4™-2009
(Incorporates IEEE Std 802.15.4a™,
IEEE Std 802.15.4c™, and
IEEE Std 802.15.4d™)
- Editor rules apply as specified in
15-09-0213-00-004e-editor-procedure01.pdf
- The first draft will be named
 - IEEE Std 802.15.4e-D0.01

Starting Point

- Clause 5
 - Add at the end of 5.1 the intention of 4e Amendment (based on the PAR) and refer to an new informative Annex M.
- Annex M
 - M.1 General
 - Describing the different Application Domains with there quite different requirements as a rational to the different solutions in ,15.4e **in general**.
 - Providing terms that shall be used in Clause 5 and Annexes as selector for the different solutions.
 - M2. ... M.n
 - Describing the different Application Domains with there quite different requirements as a rational to the different solutions in ,15.4e **in detail**.
 - Provide tutorial material as prepared by channel diversity group



Annex M

- Annex M.1 General
 - Application Domain terms
 - Process Automation (PA)
 - Low latency networks (LL)
 - previously called Factory Automation
 - Commercial (C)
 - previously called E-GTS
 - ?SUN? (reserved for future requests)
 - ?RFID? (reserved for future requests)
 - Additional functional improvements
 - Low Energy
 - is part of the application domain solutions
 - Overhead reduction/Security
 - not considered in the 1st WD

Clause 7 Subclauses

- Concatenate PA, LL, and C subclauses if they have the need to amend in the same heading of the baseline document
 - Assign new subclauses to:
 - PA
 - LL
 - C
 - and call the heading by amending those with the prefix PA-<Heading>, LL-<Heading>, C-<Heading>
 - Use a Header-Level plus one for the additional subclauses

Clause 7 Tables

- Additional Tables shall be incorporated as new Tables and the text that refers to the Tables shall state:
 - Table xx applies and for PA the Table xx.a applies in addition.
- Identifiers shall be assigned by the main editor to be unique.

Timeline for 1st WD in 2009

- August 15 deadline for submissions from the editors to the main editor.
 - No updates or new technologies to D0.01 accepted until Hawaii meeting.
- September 6 upload and launch TG letter ballot.
- September 21 Hawaii meeting to work on comments and plan preparing next revision.

Thank You

- Questions?