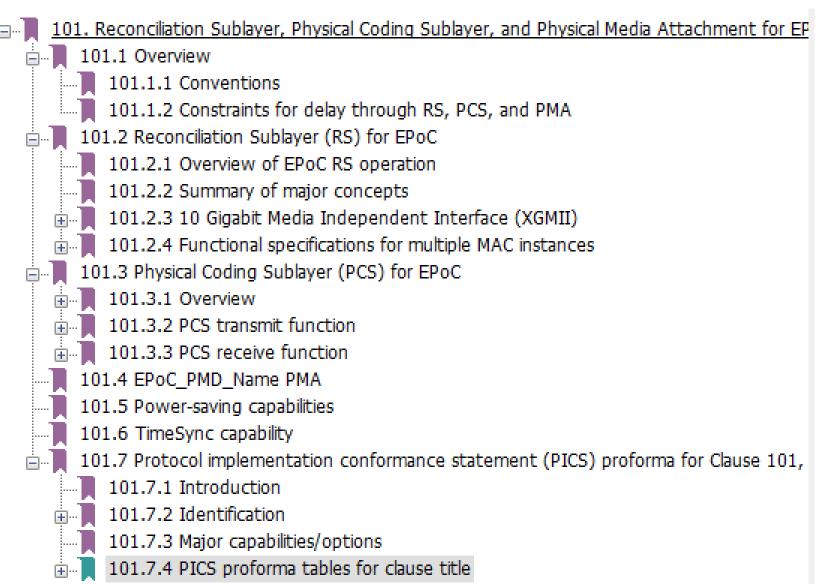
EPoC PCS Status Update (Clause 101)

Marek Hajduczenia Clause 101 Editor

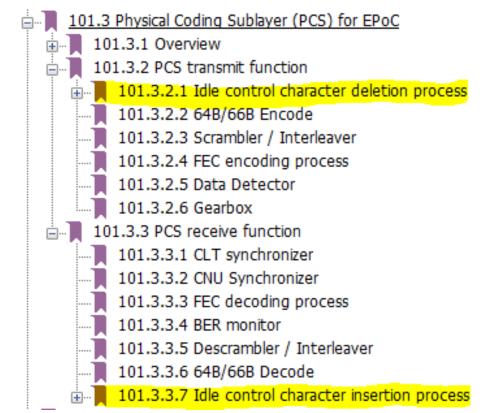
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Clause 101 Outline



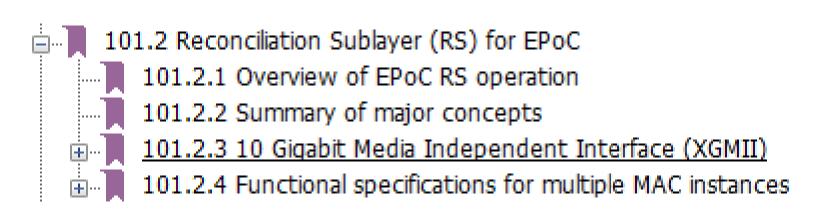
Accepted baselines (a)

 hajduczenia_3bn_01_0513.pdf covering technical decisions #43 and #45 (Idle Insertion and Idle Deletion processes)



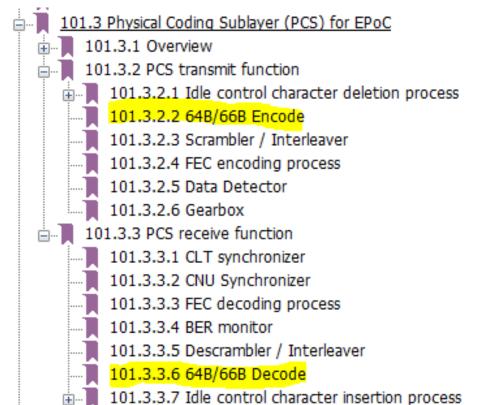
Accepted baselines (b)

- hajduczenia_3bn_03_0513.pdf covering the definition of EPoC RS
 - Contribution into 101.2 was fairly complete
 - All subclauses within 101.2 are provided for and are ready for commenting



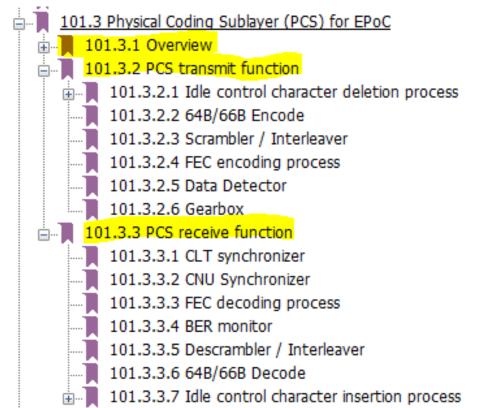
Accepted baselines (c)

 hajduczenia_3bn_04_0513.pdf covering the 64B/66B encode and decode processes (technical decision #20)



Accepted baselines (d)

 hajduczenia_3bn_06_0513.pdf covering the introduction text into 101.3 (PCS) and description of transmit and receive functions



Incoming contributions

- Here is the list of potential PCS-related baselines at this meeting:
 - NONE so far
- Focus on structure of provisioning registers
 - Discussion on registers de-focuses people from discussion on what actually needs to be done at this time – focus on PCS design first
 - Register structure can be figured out easily once we know how PCS works – that is what we do not know right now !!!

Missing contributions

- Missing bit-ticket items
 - FEC (location, type, operation, etc.)
 - Data detector in CNU and CLT
 - Gearbox in Tx direction
 - Scrambler / Interleaver
 - Synchronizer in CNU and CLT
 - BER / FER monitor
 - TimeSync capability
 - Power Saving capability
- Missing discussion on aligning TDD and FDD PCS definitions into a single clause material (?)

Summary

- A number of areas within EPoC PCS still requires direct contributions and technical decisions:
 - See previous slide and email discussion for more details on this topic
- Some baseline proposals were accepted at the last meeting
 - The snowball of contributions for PCS is still to start ...
- Configuration parameters (registers, etc.) are missing at this time (will be developed once PCS structure is more settled)
- PICS for PCS will be developed once PCS structure becomes more consolidated