IEEE P802.3bn EPoC PHY Task Force

5/15/2013

WEDNESDAY END-OF-DAY SUMMARY

EoD Summary Wed 5/15/13

Discussion / Work items /Hallway chats

- Potential Editor Straw Polls / Motions

- Request for PCS/PMA and PMA/PMD interface – interested individuals see Bill Keasler

- Socialization on FEC soft/hard output w.r.t. line coding

Proposed motion

- 64b/66b Encode /Decode proposed motion:

  – *Adopt hajduczenia_3bn_04_0513.pdf (content of subclauses 101.3.2.2 and 101.3.3.6) as baseline for draft D1.0 for 64b/66b encoder and decoder processes, respectively.*

  – *Sync Header truncation (in TX direction) before the encoder and expansion (in the RX direction) after the decoder*

EoD Summary Wed 5/15/13 (cont)

Proposed Motion

- Tx Idle Deletion and Rx Idle Insertion proposed motion:
  - *Adopt hajduczenia_3bn_01_0513.pdf (content of subclauses 101.3.2.1 and 101.3.3.7) as baseline for draft D1.0 for Tx Idle Deletion and Rx Idle Insertion functions, respectively.*

Proposed Motion

- MPCP for Tx Idle Insertion proposed motion:
  - *Adopt garavaglia_3bn_02a_0513.pdf (content of sub-clause 102.2.2) as baseline for draft D1.0 for Tx Idle Insertion at MPCP Multipoint Control Multiplexer.*

EoD Summary Wed 5/15/13 (cont)

- FEC codeword alignments:

Straw Poll:

- *In the EPoC continuous downstream PHY, the FEC codeword will be of a fixed size, that is an integer multiple of 65 bits (shortened 64b/66b encoded vector).*

Straw Poll:

- *In the EPoC Continuous downstream PHY, the PLC shall transmit (either in all or some PLC frames) a pointer in bits to identify the start of the first FEC complete codeword in the following PLC frame.*

EoD Summary Wed 5/15/13 (cont)

Proposed Straw Poll and potential motion:

- Wideband Probing
  - The upstream wideband probing shall include the option of scattered pilots.

EoD Summary Wed 5/15/13 (cont)

Proposed Straw Poll with intent to motion result:

- Local Grant
  - *Which of the following approaches do you prefer "Local Grant Identification for EPoC" garavaglia_3bn_04_0513.pdf*
  - *(Vote for One Only):*
    - *Solution 2*
    - *Solution 3*
    - *Abstain*