

Proposed Comment Resolution related to 127.2.6, 2.5GBASE-X PCS

**Comment #: 335~354 (DL), 228~233 (BM), etc
Pages 62~ 91 of D2.0 PDF (61~92 extracted)**

Edited by Yong Kim

Standalone Resolutions (1)

- 332 DL – Word encode/decode description improvements
- 356 YK – Ordered set TX for link status to be optional
- 281 CD – 2.5 Gb/s, not 2.5Gb/s
- 333 DL - 2.5GPll symbol rates, etc.
- 334 DL & 219 BM – abbrev is longer. Also state table column
- 218 BM – wencode_state(n) and (n+1)
- 220 BM - $\|Q\|$, $/W/$
- 221 – BM – $/W/$ reference
- 282 – CD – Sequence → sequence
- 283, 286 – CD – 24-bit, 284- CD 2.5GMll → 2.5GPll (got deleted)
- 222 – BM - $\|Q\|$ $\|F_{sig}\|$
- 223 – BM – Idle → IDLE in Table 127-2 – **Proposed Accept now, but should be REJECT due to #334**
- 224 – BM – wdecode_state(n) (n+1)
- 225 – BM -- ??? Data* SOP etc. (editors note not relevant)
- 226 – BM – DATA to LPI not allowed. ; 227 – BM DATA to Sequence not allowed (pass through ERR 1st)
- 246 – EB – Link Status optional
- 228 – BM – “ $/W/$ ” should be in a same line. 229 – BM - $/PL_LIMIT/$ is not a set

Standalone Resolutions (2)

- 136 – DS – SIGNAL_DETECT – should be rejected (comment response says “proposed accept”).
- 335 DL – sync_status variable def correction.
- 336 DL – add tx_status to 2.5GPII interface in Fig 127-2 (and remedy seems to be wrong (refers to sync_status). So change to accept in principle.
- 337 – DL – Add values FAIL and OK definitions.
- 339 – DL – reference correction ... running disparity.
- 231 – BM – editorial “SUDI...EEE....”
- 232 – BM – 287 – CD - editorial “NEXTSEQ()"
- 233 – BM – 137 – DS - editorial “Signal_de..” to “signal_de...”
- 340 - DL – TX_CLK on XGMII
- 341 - DL – Editorial improvements on 127.2.6.1
- 342 – DL – tx_even to 127-2
- 343 – DL – PCS Word Encode SD
- 346 – DL – IF THEN ELSE (capitalize)
- 3 – ML – Editorial Improvements on Fig 127-5 PCS TX State Diagram

Standalone Resolutions (3)

- 135 – DS – Effect/affect ?
- 347 – DL – sync_status and code_sync_status
- 348 – DL – rx_lpi_active
- 349 & 350 – DL – LINK_FAILED state. Delete ; ; .; WAIT_FOR_K state Delete ; .
- 351 & 352 DL – rp-dv rp_dv
- 353 DL – Note 2 to be added
- 4, 5 – ML – Clean up lines, corners, and arrows in Fig 128-8b

Broad blush resolutions

- 338 DL – rename `tp_en<3:0>`, `tp_er<3:0>`, `tpd<3:0><7:0>` to `we_tp_en<3:0>`, `we_tp_er<3:0>`, `we_tpd<31:0>` and 338' - likewise to RX path.
338'' – additional editorials to to help to clarify.