



Link Training Baseline

Jeff Slavick

IEEE P802.3ck Task Force, May 2019 interim



Baseline Proposal for Link Training

- Use Clause 136.8.11 PMD control function for all 802.3ck copper PHYs with the following exceptions
 - max_wait_timer is 15s (Link Training timeout)
 - k_list is {-3, -2, -1, 0, +1} (specified TxFIR taps)
 - PRESET tap values refer to tables in local clause
 - NO_SYNC and PRESET1 remain as noEq
 - PRESET2 and PRESET3 are TBD

- NOTE: UI is half of that in Cl 136, so training frame duration is ~314ns