

# DOWNSTREAM BASELINE PROPOSAL



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- At the last meeting in Nov 2013, [laubach 3bn 04c 1113.pdf](#) was adopted as a starting point for downstream baseline (TD#110)
- At this meeting [laubach 3bn 02 0114.pdf](#) (and [.docx](#)) is presented as a follow on for producing a baseline proposal
- **What is updated / changed:**
  - A large amount of informative text “a la” IEEE conventions has been removed.
    - Down to 32 pages
  - 8K FFT text has been stricken out (still in document) anticipating a complexity reduction decision by the Task Force. If desired, can remain in.
  - 4K FFT 3801 subcarriers changed to 3800 (D3.1 alignment)
  - Slight reduction in CP and Windowing options.
  - Reverse of time interleaver commutator for performance
  - Brought in (added) Downstream Pilot Patterns section to complete work and satisfy TD#29, TD#60, and TD#79. (Adapted from D3.1 PHY 7.5.15)
  - Brought in (added) Randomizer section overlooked from previous starting point compilation. (Adapted from D3.1 PHY 7.5.5.3)
- **Still more T.B.D. work remaining, including (expect at next meeting):**
  - Frequency Interleaving
  - Mapping to constellations as per TD#103

- **Adopt laubach\_3bn\_02\_0114.docx as a baseline proposal for P802.3bn downstream PHY.**
- **Moved:**
- **Second:**



Thank you