



# **P802.3bp 1000BASE-T1 Closing Report**

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**IEEE 802.3 Ethernet Working Group  
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# IEEE P802.3bp 1000BASE-T1

## Project information

- **Task Force Organization**
  - Steven X. Carlson, IEEE P802.3bp Task Force Chair
  - Marek X. Hajduczenia, IEEE P802.3bp Task Force Chief Editor
  - Curtis X. Donahue, IEEE P802.3bp PICS Editor
- **Task force web and reflector information**
  - Reflector information: <http://www.ieee802.org/3/bp/reflector.html>
  - Home page: <http://ieee802.org/3/bp/index.html>
    - PAR: [http://www.ieee802.org/3/bp/P802.3bp\\_12\\_Jun\\_14.pdf](http://www.ieee802.org/3/bp/P802.3bp_12_Jun_14.pdf)
    - 5C: <http://www.ieee802.org/3/bp/5Criteria.pdf>
    - Objectives: [http://www.ieee802.org/3/bp/Updated\\_Objectives\\_0714.pdf](http://www.ieee802.org/3/bp/Updated_Objectives_0714.pdf)
  - Private area: <http://ieee802.org/3/bp/private/index.html>
    - Note: The draft, and any other content, is posted for your review only, and neither the content nor access information should be copied or redistributed to others in violation of document copyrights

# IEEE P802.3bp 1000BASE-T1

## Progress this week

- **Completed Work**

- **Resolved comments to D1.5**

- D1.5 Task Force review closed on the 29th of June 2015 (EOA)
- 58 comments received within the allocated time
- 30 technical comments (T + TR)
- 28 editorial comments (E + ER)
- Comment types didn't always match

- **Clause 45:**

- 802.3bw registers (use & misuse): #13, #11, #12, #1, #5, #6, #37, #15
- Register replication: #38, #39, #40, #22, #23

- **Clause 97:**

- Primitive name alignment: #58, #53, #4, #18, #57
- Register number alignment: #20,

# IEEE P802.3bp 1000BASE-T1

## Progress this week

- **Completed Work**
  - **Changes to D2.0 from D1.5**
    - **Fixed out of order list (Page 24)**
    - **Changed Clause 45 BASE-T1 PMA and PCS register name to 1000BASE-T1 (70 instances)**
    - **Added autonegotiation clarification text to 45.2.1.131.2 (Page 40)**
    - **Changed “this bit” to “Bit XX.XXXX.XX” for clarity (22 instances)**
    - **Changed PMA\_DATAREADY to PMA\_PHYREADY (5 instances)**
    - **Changed PMA\_REMDATAREADY to PMA\_REMPHYREADY (3 instances) and in Figure 97–3—1000BASE-T service interfaces**

# IEEE P802.3bp 1000BASE-T1

## Progress this week

- Completed Work
  - Changes to D2.0 from D1.5
    - Added loc\_phy\_ready to Figure 97–4—PCS reference diagram
    - Fixed Equation 97-7  $2519 < (n \bmod 2700) < 2616$  to  $2520 \leq (n \bmod 2700) \leq 2615$  and Infofield to InfoField globally
    - Cleaned up Figure 97–11—LPI signal timing for better readability
    - Added loc\_phy\_ready to Figure 97–15—PMA reference diagram
  - Task Force vote to request WG ballot

# IEEE P802.3bp 1000BASE-T1 Motion

Confirm the IEEE 802.3bp CSD available at:

<http://www.ieee802.org/3/bp/5Criteria.pdf>

The IEEE P802.3bp Task Force requests that IEEE 802.3 send the IEEE P802.3bp draft as presented to IEEE 802.3 Working Group Ballot as IEEE P802.3bp D2.0, authorize the Task Force to respond to the comments and conduct re-circulations as necessary.

M: J. D'Ambrosia

S: S. Carlson

Y:        N:        A:

Technical  $\geq$  75%