

# Summary of draft D2.0 Comments for Adding a 7.5 Gb/s Rate in Clause 192

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# Adding 7.5 Gb/s HS Rate to Clause 192

## □ Background:

- The application and impact on the current P802.3dm draft were addressed in schedl\_gorshe\_3dm\_01b\_0526  
[https://www.ieee802.org/3/dm/public/0526/schedl\\_gorshe\\_3dm\\_01b\\_0526.pdf](https://www.ieee802.org/3/dm/public/0526/schedl_gorshe_3dm_01b_0526.pdf)
- The straw poll: “I am willing to support adding 7.5 Gb/s High-Speed rate capability to P802.3dm clause 192 (TDD) assuming appropriate comments are submitted against D2.0:” indicated significant interest
- Comment preview provided in [gorshe\\_3dm\\_02\\_D2d0\\_7d5-comments.pdf](#) at this meeting

## □ Comment summary

- 7.5 Gb/s added to the lists of supported HS rates where relevant in clauses 1, 45 and 46, and throughout clause 192
- The 3B2T encoding into PAM3 is specified
- Parameter specifications associated with 7.5 Gb/s are proposed, including:
  - OAM field size
  - Factors for scaling, interleaving, PSD K mask
  - PSD masks, transmitter distortion model, RMS jitter and TIE, peak-to-peak output, broadband stationary noise,  $F_{\max}$  for MDI return loss, delay limits

# Conclusions

- ❑ **The proposed D2.0 comments in gorshe\_3dm\_02\_D2d0\_7d5-comments.pdf are intended to:**
  - ❑ Address the questions raised during discussions at the May meeting.
  - ❑ Provide a complete technical specification for 7.5 Gb/s
  - ❑ Provide comprehensive editorial comments associated with 7.5 Gb/s
  
- ❑ **Additional feedback is welcome prior to the 6/13 D2.0 comment deadline**

**Thank You**