

# IEEE 802.3 Working Group March 2014 Plenary Week Report

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# IEEE 802.3 Maintenance

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- Maintenance closing report
  - [http://www.ieee802.org/3/minutes/mar14/0314\\_maint\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/mar14/0314_maint_close_report.pdf)
- Activities
  - Maintenance requests
    - Considered new maintenance requests
    - Reviewed status of outstanding maintenance requests
      - Request #1195 rejected since it had not been progressed by the submitter
  - Submission of IEEE Std 802.3-2012 to ISO/IEC JTC1 SC6
    - Adoption approved, no comments received
    - ISO/IEC/IEEE 8802-3 now in publication process
- Next meeting
  - IEEE 802.3 May 2014 interim meeting series
    - Full details at: <http://www.ieee802.org/3/interims/>
- Web page
  - <http://www.ieee802.org/3/maint/index.html>

# IEEE P802.3bj 100 Gb/s Backplane and Copper Task Force closing report

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- Task Force closing report
  - [http://www.ieee802.org/3/minutes/mar14/0314\\_bj\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/mar14/0314_bj_close_report.pdf)
- Progress
  - IEEE P802.3bj/D3.1 1st sponsor recirculation ballot comment resolution
    - Results now: 96% Approval rate, 80% Return rate, 3% Abstention rate
    - Considered 62 comments, no unresolved negative comments
      - Two disapprove voters have no comments marked MBS
      - One has indicated all comments have been satisfied
    - Conditional approval granted to proceed to June RevCom submittal
- Next steps
  - Perform 2nd sponsor recirculation ballot on IEEE P802.3bj/D3.2
- Next meeting at May 2014 interim meeting series
  - Full details at: <http://www.ieee802.org/3/interims/>
    - Will be cancelled if conditions for RevCom submittal are met
    - If held will consider comments received on 2nd sponsor recirculation ballot
- Task Force Web page: <http://www.ieee802.org/3/bj/index.html>

# IEEE 802.3bm 40 Gb/s and 100 Gb/s Fiber Optic Task Force

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- Task Force closing report
  - [http://www.ieee802.org/3/minutes/mar14/0314\\_bm\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/mar14/0314_bm_close_report.pdf)
- Progress
  - IEEE P802.3bj/D2.1 1st Working Group recirculation ballot comment resolution
    - Results now: 92% Approval rate, 54% Return rate, 22% Abstention rate
    - Considered 113 comments, four unresolved negative comments from one balloter
  - Conditional approval granted to proceed to Sponsor ballot
- Next steps
  - Complete Sponsor balloting group formation
  - Perform 2nd Working Group recirculation ballot on IEEE P802.3bj/D2.2
- Next meeting at May 2014 interim meeting series
  - Full details at: <http://www.ieee802.org/3/interims/>
  - Consider comments received on 2nd Working Group recirculation ballot
- Web page:
  - <http://www.ieee802.org/3/bm/index.html>

# IEEE 802.3bn EPON Protocol over a Coax (EPoC) PHY Task Force

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- Task Force closing report
  - [http://www.ieee802.org/3/minutes/mar14/0314\\_bn\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/mar14/0314_bn_close_report.pdf)
- Progress
  - Heard 8 technical presentations
    - 8 technical presentations
    - 3 technical motions approved
    - Draft 0.4 comment resolution completed
- Next steps
  - Exit next meeting with sufficient baseline material to create Draft 1.0
- Next meeting at May 2014 interim meeting series
  - Full details at: <http://www.ieee802.org/3/interims/>
- Web page:
  - <http://www.ieee802.org/3/bn/index.html>

# IEEE 802.3bp Reduced Twisted Pair 1 Gb/s Ethernet Task Force

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- Task Force closing report
  - [http://www.ieee802.org/3/minutes/mar14/0314\\_bp\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/mar14/0314_bp_close_report.pdf)
- Progress
  - 17 Technical Presentations
  - 3 Ad hoc meetings
    - EMC Noise Ad hoc, PHY and Channel Ad Hoc
  - 4 technical motions passed
    - Modulation, line baud rate, encoder and scrambler for 1000BASE-T1 PHY
    - Alien NEXT specification
- Next steps
  - Continue work towards baseline proposals to satisfy project objectives
- Next meeting at May 2014 interim meeting series
  - Full details at: <http://www.ieee802.org/3/interims/>
- Web page:
  - <http://www.ieee802.org/3/bp/index.html>

# IEEE 802.3bq 40BASE-T Task Force

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- Task Force closing report
  - [http://www.ieee802.org/3/minutes/mar14/0314\\_bq\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/mar14/0314_bq_close_report.pdf)
- Progress
  - 10 Presentations
  - 2 technical motions passed
    - Baseline PHY specification and power back off scheme
- Next steps
  - Continue work towards baseline proposals to satisfy project objectives
- Next meeting at May 2014 interim meeting series
  - Full details at: <http://www.ieee802.org/3/interims/>
- Web page:
  - <http://www.ieee802.org/3/bq/index.html>
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# IEEE P802.3br Interspersing Express Traffic Task Force

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- Task Force closing report
  - [http://www.ieee802.org/3/minutes/mar14/0314\\_br\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/mar14/0314_br_close_report.pdf)
- Progress
  - Adopted baseline proposal for negotiation, last open item
- Next steps
  - Develop 1st draft based on adopted baseline
- Next meeting at May 2014 interim meeting series
  - Will hold joint Meeting with IEEE 802.1 Time Sensitive Networking
  - Full details at: <http://www.ieee802.org/3/interims/>
- Web page:
  - <http://www.ieee802.org/3/br/index.html>



# IEEE 802.3 400Gb/s Ethernet Study Group

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- Study Group closing report
  - [http://www.ieee802.org/3/minutes/mar14/0314\\_400g\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/mar14/0314_400g_close_report.pdf)
- Progress
  - IEEE P802.3bs PAR and CSD approved by IEEE 802 Executive Committee
  - IEEE P802.3bs PAR on March NesCom agenda
- Study Group chartered for six more months
  - Backup if PAR not approved by SASB
- First IEEE P802.3bs meeting planned for May 2014
  - Assuming PAR approval by SASB
    - If not will meet as IEEE 802.3 400Gb/s Ethernet Study Group
  - Full details at: <http://www.ieee802.org/3/interims/>
- Web page:
  - <http://www.ieee802.org/3/400GSG/index.html>

# IEEE 802.3bt 4-pair Power over Ethernet Task Force

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- Task Force closing report
  - [http://www.ieee802.org/3/minutes/mar14/0314\\_bt\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/mar14/0314_bt_close_report.pdf)
- Progress
  - 17 presentations
  - 2 Ad Hoc reports
- Next steps
  - Continue work towards baseline proposals to satisfy project objectives
- Next meeting at May 2014 interim meeting series
  - Full details at: <http://www.ieee802.org/3/interims/>
- Web page:
  - <http://www.ieee802.org/3/bt/index.html>

# IEEE 802.3bu 1-Pair Power over Data Lines Task Force

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- Task Force closing report
  - [http://www.ieee802.org/3/minutes/mar14/0314\\_bu\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/mar14/0314_bu_close_report.pdf)
- Progress
  - Reviewed 1000BASE-T1 liaison activity
  - Reviewed Power Ad Hoc progress
  - Power Ad Hoc met to refine survey questions for power requirements
  - Took straw polls to gauge future activity levels
- Next steps
  - Continue work towards baseline proposals to satisfy project objectives
- Next meeting at May 2014 interim meeting series
  - Full details at: <http://www.ieee802.org/3/interims/>
- Web page:
  - <http://www.ieee802.org/3/bt/index.html>

# IEEE 802.3 Gigabit over Plastic Optical Fiber (PoF) Call for Interest

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- Gigabit over Plastic Optical Fiber call for interest closing report
  - [http://www.ieee802.org/3/minutes/mar14/0314\\_gpof\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/mar14/0314_gpof_close_report.pdf)
- Study Group formation approved
  - IEEE 802.3 Gigabit Ethernet Over Plastic Optical Fiber Study Group
- Study Group home page and reflector subscriptions
  - <http://www.ieee802.org/3/GEPOFSG/index.html>
- First Study Group meeting at May 2014 interim meeting series
  - Full details at: <http://www.ieee802.org/3/interims/>

# IEEE 802.3 100 Mb/s operation over a single twisted pair closing report Call for Interest

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- 100 Mb/s operation over a single twisted pair call for interest closing report
  - [http://www.ieee802.org/3/minutes/mar14/0314\\_100m\\_stp\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/mar14/0314_100m_stp_close_report.pdf)
- Study Group formation approved
  - IEEE 802.3 1 Twisted Pair 100 Mb/s Ethernet Study Group
- Study Group home page and reflector subscriptions
  - <http://www.ieee802.org/3/1TPCESG/index.html>
- First Study Group meeting at May 2014 interim meeting series
  - Full details at: <http://www.ieee802.org/3/interims/>

# IEEE 802.3 25Gb/s Ethernet Call for Interest

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- 25Gb/s Ethernet call for Interest closing report
  - [http://www.ieee802.org/3/minutes/mar14/0314\\_25g\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/mar14/0314_25g_close_report.pdf)
- Study Group not formed
  - No motion was made to request Study Group

# Working Group information

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- IEEE 802.3 Web site
  - <http://www.ieee802.org/3>
- WG and TF documents on web site
  - Presentations
  - Minutes
  - Reflector subscription information
  - Rules, etc.
- Interim TF and SG meeting details posted on web site
  - <http://www.ieee802.org/3/interims/index.html>
  - IEEE 802.3 Interim meeting series
    - Monday, 12th May through Friday, 16th January 2014
    - Sheraton Norfolk Waterside Hotel, Norfolk, VA., USA
  - Next IEEE 802.3 WG plenary session
    - Monday, 14th July through Thursday, 17th July 2014
    - Manchester Grand Hyatt, San Diego, California USA