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# **IEEE 802.3 Working Group November Plenary Report 18 November 2004**

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# P802.3REVam progresses to SB

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- Initial ballot passed
  - Exceeded 802 approval and return ratios
  - Did not exceed 802.3 abstain ratio
- Recirculation ballot passed
  - Some out of scope comments
  - All in scope comments withdrawn to be resubmitted at SB
- Sponsor ballot approved by 802.3 and EC
  - Invitation closed
  - Initial SB to be conducted prior to 26 January Vancouver meeting

# MyBallot

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- Beta Test using P802.3REVam
- Invitation closed
  - IEEE Web Account issues like problems getting password reset/reminder
  - No ability to add an individual to the ballot group
  - Had to extend the ballot to minimize the probability of an appeal
  - No explicit approval of the ballot group, implicit in initiating the ballot
- Next comes an actual ballot -- concerns
  - Comment tool limitations?
  - No redundancy in indexing
  - Sort challenges (distribution to multiple editors)
- Observations
  - Recommended a myBallot playground to staff
  - Recommended training preference to those with imminent ballots
  - Encourage members to get web accounts activated early

# P802.3an 10GBASE-T

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- Working on completing a draft
  - Adopted constellation, LDPC, framing
  - Adopted optional loop timing
  - Adopted transmit PSD mask
  - Generate a single worst case link segment
  - P802.3an/D1.2 to be created
- Will meet in Vancouver, 26-28 January

# P802.3ap Backplane Ethernet

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- Working on completing a draft
  - Decision process defined for 10GbE serial
  - Additional work on Autonegotiation signaling
  - Draft 0.7 to document new agreements
- Will meet in Vancouver, 24-26 January

# P802.3aq 10GBASE-LRM

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- Working on completing a draft
  - D1.0 to be issued for TF review prior to January interim
- Demonstration of technical feasibility requirement before SB adopted
  - At least three vendors interoperating
  - BER of 10<sup>-12</sup> or better over rated distances
- Will meet in Vancouver, 24-25 January

# Congestion Management SG

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- P802.3ar approvals
  - PAR to be considered at December Standards Board
  - Five Criteria approved by 802.3 and EC
  - Objectives approved by 802.3
- Complementary congestion management work to be done in both 802.1 and 802.3
- Will meet in Sacramento, 11 January with 802.1

# Frame Expansion SG

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- P802.3as PAR approvals
  - PAR to be considered at December Standards Board
  - Five Criteria approved by 802.3 and EC
  - Objectives approved by 802.3
- More industry input sought for March decision on max frame size increase – effects on legacy equipment
- Will meet in Sacramento, 12 January with 802.1



# Residential Ethernet SG

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- Working on understanding what should be standardized and where
  - Some proposals with little change to IEEE Std 802.3
  - Some proposals with most functionality outside the scope of 802.3
- Will meet in Vancouver, 24-25 January

# Power over Ethernet Plus CFI

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- CFI held to propose an increase in the amount of power over that specified by 802.3af
- Formation of study group approved by 802.3 and EC
- Will meet in Vancouver. 26-27 January

# Other business

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- EC gives approval for 802.3 to begin operation with treasury
- 802.3 members positions on term limits
  - Favor elimination of term limit for vice chair
  - Favor retention of term limits for chair
  - Some support for super majority to suspend term limits