# PAH Report

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# PAH Members

- Leon Bruckman
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- Anoop Ghanwani
- David James
- Jim Kao
- Kshitij Kumar

- John Lemon
- Robert Love
- Gal Mor
- George Suwala
- Daniel Zhu

# Topology Closed Issues

- Topology state machine (#528)
  - Kshitij Kumar provided the state machine
- Topology keeps former neighbor MAC for Protection (#535)
- Criteria and an algorithm are needed for consistency checking of topology image (#538)
  - Jim Kao provided the criteria for topology consistency check
- What are the units and ranges of provisioned classA bandwidth information reported in topology messages (#541, #557, #558)
  - 2.5K bps is equivalent to unit reported in fairness message

# Topology Closed Issues

- Illustrate key scenarios for topology discovery (#526)
    - Jason Fan and Jim Kao created Annex J, "Topology discovery and protection scenarios", an_j_top_prot.pdf

- TLV format for topology message format
    - Leon Bruckman's contribution

# Topology Open Issues

- Provide scenarios illustrating whether topology discovery is completed before an initiation of a protection event (#528)

- Clarify the interworking of topology and protection (#560)

- Forwarding of topology messages on half-alive spans for diagnostic purposes

# Protection Closed Issues

- Illustrate key scenarios (#567, #581)

  - Jason Fan and Jim Kao created Annex J, "Topology discovery and protection scenarios", an_j_top_prot.pdf

- Insertion of steering station into an operating wrapping ring (#576)

  - Jason Fan and Jim Kao created Annex J, "Topology discovery and protection scenarios", an_j_top_prot.pdf

- Retransmission of messages (#578, #579)

  - Bi-level periodic timer

- Will protection distinguish by itself or through topology whether a newly connected station is a new neighbor or the same as the previously connected neighbor? (#582)

  - Topology stores the former neighbor for protection query

# Protection Closed Issues

- Is the wrapping status bit required? (#589)

  - The wrapping status is required

- Do multiple signal degrades result in a single wrap or no wraps? (#601)

  - No wrap

- Idle message only in short format

# Protection Open Issues

- How uniform should the behavior of wrapping and steering be in terms of reporting of link status throughout the ring? (#595)

- How do non-revertive modes work for steering and wrapping? (#565, #594)

- How is variability of fairness advertisement interval handled as related to the loss of keep-alive trigger? (#585)

- Determine whether rule 5 from 11.7.1.2 should apply to steering or not. (#596)

# Conclusions

- Revised Clause 10, Topology discovery
    - cls10_topology_ad.pdf
- Revised Clause 11, Protection
    - cls11_protection_ad.pdf (upload to server by Tuesday Morning)
- New Informative Annex, Topology discovery and protection  scenarios
    - an_j_top_prot.pdf (upload to server by Tuesday Morning)
- Wed Evening 8:00PM review comments
- Motion to approve revised clauses by WG  on Thursday