

# BIER OAM

Greg Mirsky (on behalf of the authors)

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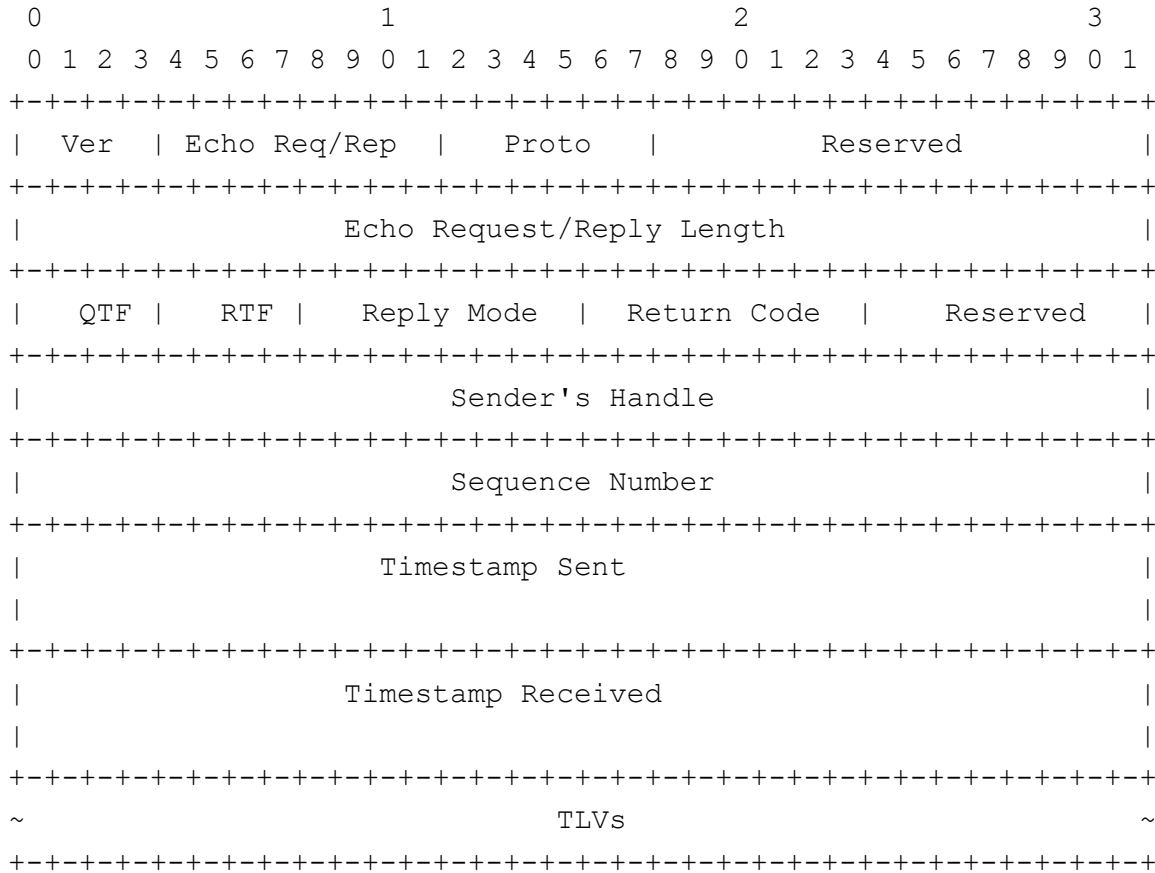
# What we have

- BIER OAM Requirements
- BIER Ping
- BIER Path MTU Discovery
- BIER BFD
- BIER Performance Measurement Using a Hybrid Measurement Method

# BIER Ping

- RtgDir early review - addressed
- SecDir early review - addressed
- IntDir early review - addressed
- OpsDir was expected, but never came

# Updates



# More Updates

- Editorial (many of)
- Removed the Reply-To TLV
- Cleared, tightened up IANA Considerations section

# BIER BFD

- BIER BFD (RFC 8562) – BFERs can monitor the BFIR
- BIER BFD with Active Tails (RFC 8563) – BFERs monitor the distribution tree; BFIR can discover or is notified of a network failure

Ready for the WG LC

# Hybrid Performance Measurement in BIER

- Use the Alternate Marking method (RFC 9341 and RFC 9342 are now on the Standard Track) to perform packet loss and delay measurements
- The updated version addresses AD's comments
- A new draft ([draft-mirsky-ippm-asymmetrical-pkts](#)) on the applicability of STAMP in performance measurement in a multicast environment