Changes from version 00 & 01

• Removes the definition of BIER OAM packet format, and refers it from <draft-ietf-bier-ping>
  ➢ for the BIER OAM packet format has been defined in <draft-ietf-bier-ping>.

• Removes the one-hop bootstrap part, and keeps multi-hop bootstrap only:
  ➢ The multi-hop bootstrap is more suitable: Because BIER is overlay technology, and it is more likely that BFRs are connected by tunnels.

• Corrects some references: because some draft had been published.

• Riches the security and Acknowledgments parts.
**BIER BFD**

- BIER BFD is based on draft-ietf-bfd-multipoint
  - Uses Demand mode (defined in RFC 5880) – no three-way handshake

- BFERs use source address and My discriminator to demultiplex BFD sessions
  - Source address:
    - BFIR-id and BIER MPLS Label (MPLS network)
    - BFIR-id and BIFT-id (Non-MPLS network)
BIER BFD Encapsulation

• BIER BFD encapsulation uses the BIER OAM packet format defined in [I-D.ietf-bier-ping].

• Msg Type field MUST be set to BIER BFD (TBD by IANA)

• BFD Control packet[RFC5880] immediately follows the BIER OAM header
Bootstrapping BIER BFD session

- Multi-hop Bootstrapping
  - Use BIER OAM ping [I-D.ietf-bier-ping]
Next Step

• We will add active tail solution in the next version
  • Base on the comments received

• More comments?
Thank you