

802.16.4 MAC Development  
Issue Identification and Resolution Plan

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Presentation of findings of TG4 MAC team

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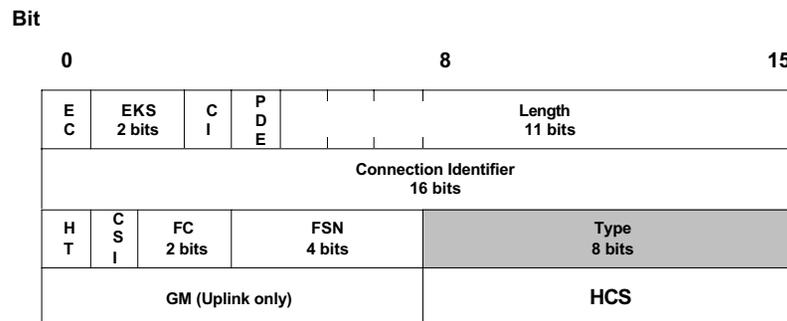
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# 802.16.4 MAC Development

## Issue Identification and Resolution Plan

# TG1 MAC Change Request

- Working Group Comment:
  - Type field modification to 802.16.1 Generic Header
    - Use HT bit-field to indicate Type field presence
    - Modify Bandwidth Request Message to make it more consistent with US/DS Generic Header



TG4 MAC Development

# TG1 MAC Change Request

- Immediate Action Required
  - Type field modification to 802.16.1 Generic Header
  - Determine status of TG1 concatenation contribution

# TG4 MAC Consensus Items

- Prioritized TG4 Issues:
  - ARQ (TG3, TG4)
  - MAP Flexibility (TG3, TG4)
  - DFS (TG4)
  - Transmission Power Control (TG3, TG4)
  - Adaptive Modulation – check TG1 (TG3, TG4)
  - Ranging, Frame Synchronization (TG3, TG4)
  - Optional support of mesh topology (TG4)

# Summary

- Submission of Type field comment for 802.16.1 letter ballot.
- Continue expanding details on issues via TG4 reflector.
- Once basic features of issues identified, TG4 will work with TG3 to unify solutions.