

# Multi-Frame Concept for MMR Operation

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Purpose:

For discussion and approval of inclusion of the proposed text into the P802.16j baseline document.

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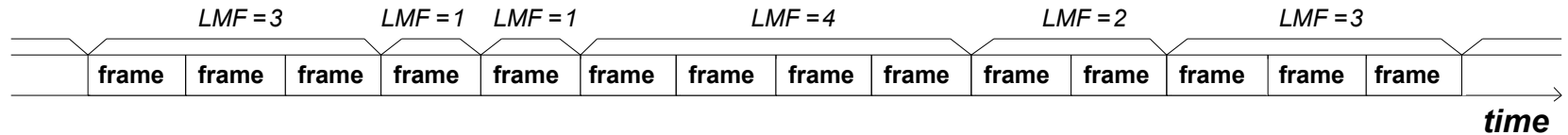
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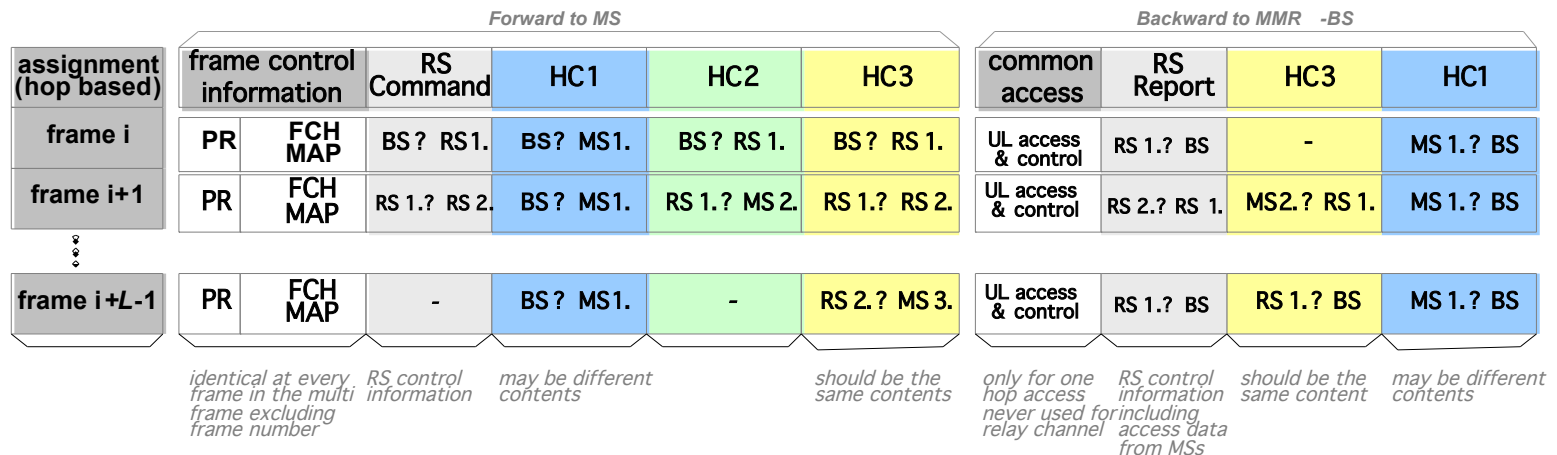
# Basic ideas

- Multi-frame structure

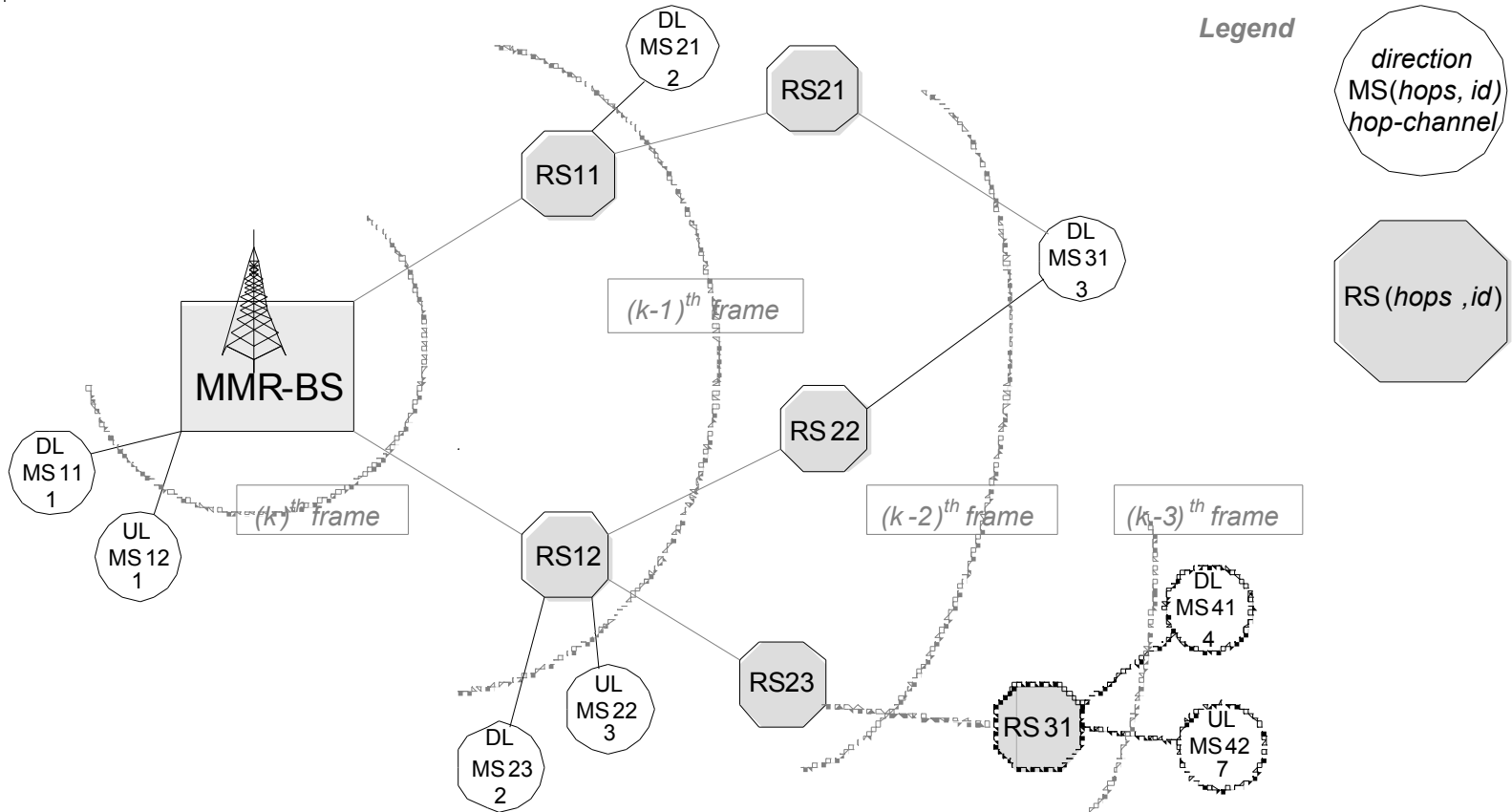
LMF : length of Multi Frame



- (Variable) length of multi-frame structure (LMF)
  - Max hop dist of active RSs + 1, or
  - 2 X Max hop dist of MSs with UL traffic
- Separate hop channels for bursts of different hop counts
- No collision around RSs
- Same MAP relayed everywhere → no interference



# An example



frame control information  
(FCH, MAP ...)

shaded areas are receive mode  
else transmit mode

RC : RLY-CMD  
RP : RLY-RPT

