

# IETF 108 VVC/H.266 RTP Payload Format Update

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# VVC/H.266 Spec update

- FDIS on 07/06/2020
- It is “consented” by ITU, so it is approved
- Current WG draft version [draft-ietf-avtcore-rtp-vvc-02](#)

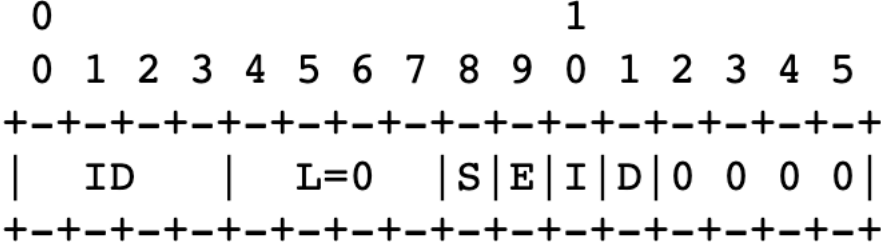
# WG draft update since IETF 106

- Coding tool intro updated to align with VVC/H.266 specification
- Cleaner and agreed design path:
  - Only support SRST due to limited or nonexistent implementation for MRST/MRMT mode
  - Removed Payload content information (PACI) packets
  - Removed interleaving/DOND-based signaling
- Added SDP signalling section (still need to be filled with details)
- Added frame marking support
  - For FM supporters, please provide reviews on this section

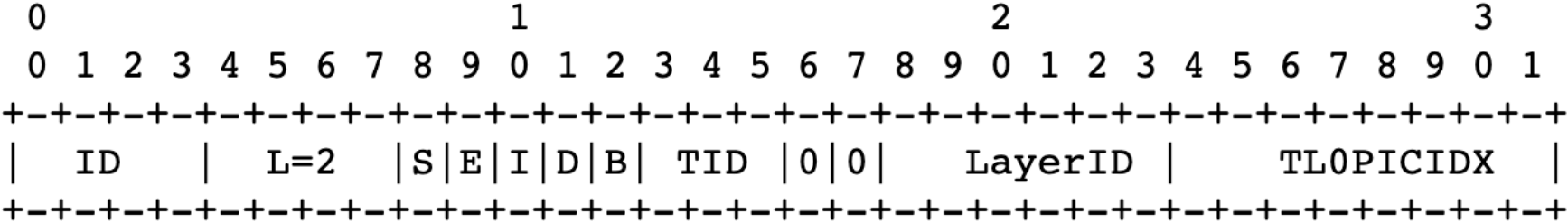


# Use of Frame Marking

- Current design use both of Short and Long FM extension



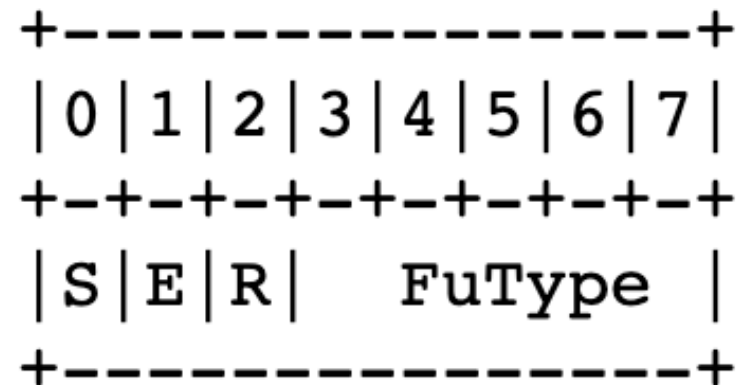
Short Frame Marking RTP Extension for [[VVC](#)]



Long Frame Marking RTP Extension for [[VVC](#)]

# Fragmentation Unit Header

- Currently we keep as 1 byte
- What do we do with the “Reserved” ‘R’ bit? Options:
  - Ex: use it for assisting picture boundary detection
  - Others...!



# To Be completed

- Finalize coding tool section, introduce relative new features such as:
  - New non-VLC NAL header 12, OPI\_NUT
- FrameMarking usage
  - Short
  - Long
- payload format parameters for SDP
  - Optional parameter details, SDP offer/answer consideration and limitation
- IANA consideration
  - payload formation parameter and MIME type registry
- Targeted Milestone: ~End of 2020

# Change history

- [draft-zhao-payload-rtp-vc-00](#) ..... initial version
- [draft-zhao-payload-rtp-vc-01](#) ..... editorial clarifications and corrections
- [draft-ietf-payload-rtp-vc-00](#) ..... initial WG draft
- [draft-ietf-payload-rtp-vc-01](#) ..... VVC specification update