

draft-ietf-lpwan-schc-over-sigfox-09

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Draft updates since IETF 112



- rev 08 -> 09
 - Added two different configurations for Uplink ACK-on-Error Mode:
Two-byte SCHC Header.
 - Option 1: Allow transmission of medium-sized packets (up to 480 bytes long).
 - Option 2: Allow transmission of large packets (up to 2250 bytes long, enough to comply with IPv6 MTU requirements).

Draft updates since IETF 112



- rev 08 -> 09
 - For rules where **the number of fragments in the last window is unknown**, an RCS field **MUST** be used, indicating the number of fragments in the last window (in bits), including the All-I.
 - Previously, the RCS field was not considered in the Sigfox SCHC Profile (since Sigfox has its own error-correcting mechanism).
 - In some cases, this led to ambiguity while checking the completion of SCHC Transmissions.

Next steps

- Update figures describing the new configurations for the SCHC Headers.
- Update SCHC-over-Sigfox implementation to handle the new configurations.

Thanks!