

RTCP XR Block for TS Decodability Statistics Metric

Draft-huang-xrblock-rtcp-xr-
decodability-01

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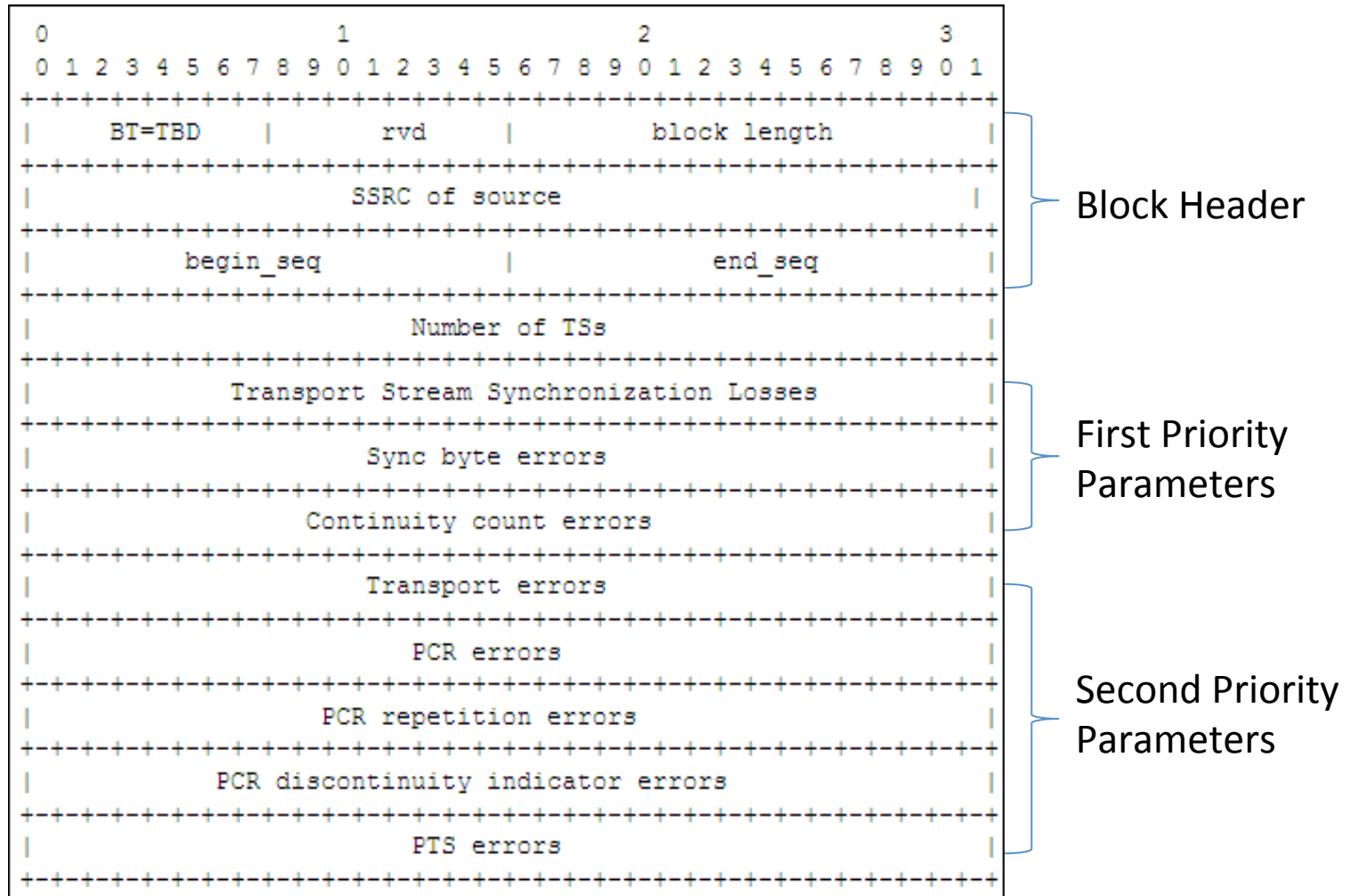
Status

- Separated from draft-wu-avt-rtcp-xr-quality-monitoring based on Colin's comments and suggestions.
- Presented in the chair's presentation in the IETF 79th, Beijing.
- In compliance with monitoring architecture [draft-ietf-avtcore-monarch-05].

Overview

- Evaluate the content quality at the application layer is a problem for operators.
- Define a new metric report block for MPEG transport streams.
- The new metric follows ETSI TR 101 290.
- The new metric can be applied to any codecs using Transport Stream.

The Proposed Packet Format



Decodability Metric Block

- 8 most universal metrics from [ETSI TR 101 290] are adopted to decodability metric block.
 - First Priority
 - TS Synchronization Losses , Sync byte errors, Continuity count errors
 - Second Priority
 - Transport errors, PCR errors, PCR repetition errors, PCR discontinuity indicator errors, PTS errors.

Next Step

- Request for adoption as a new work item.