

# **RTP Control Protocol (RTCP) Extended Report (XR) Block for MPEG2 Transport Stream (TS) Program Specific Information (PSI) dependent Decodability Statistics Metrics reporting**

draft-bi-xrblock-rtcp-xr-psi-dep-  
decodability-01

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# MPEG2 TS PSI-dependent Decodability Statistics Metrics Block

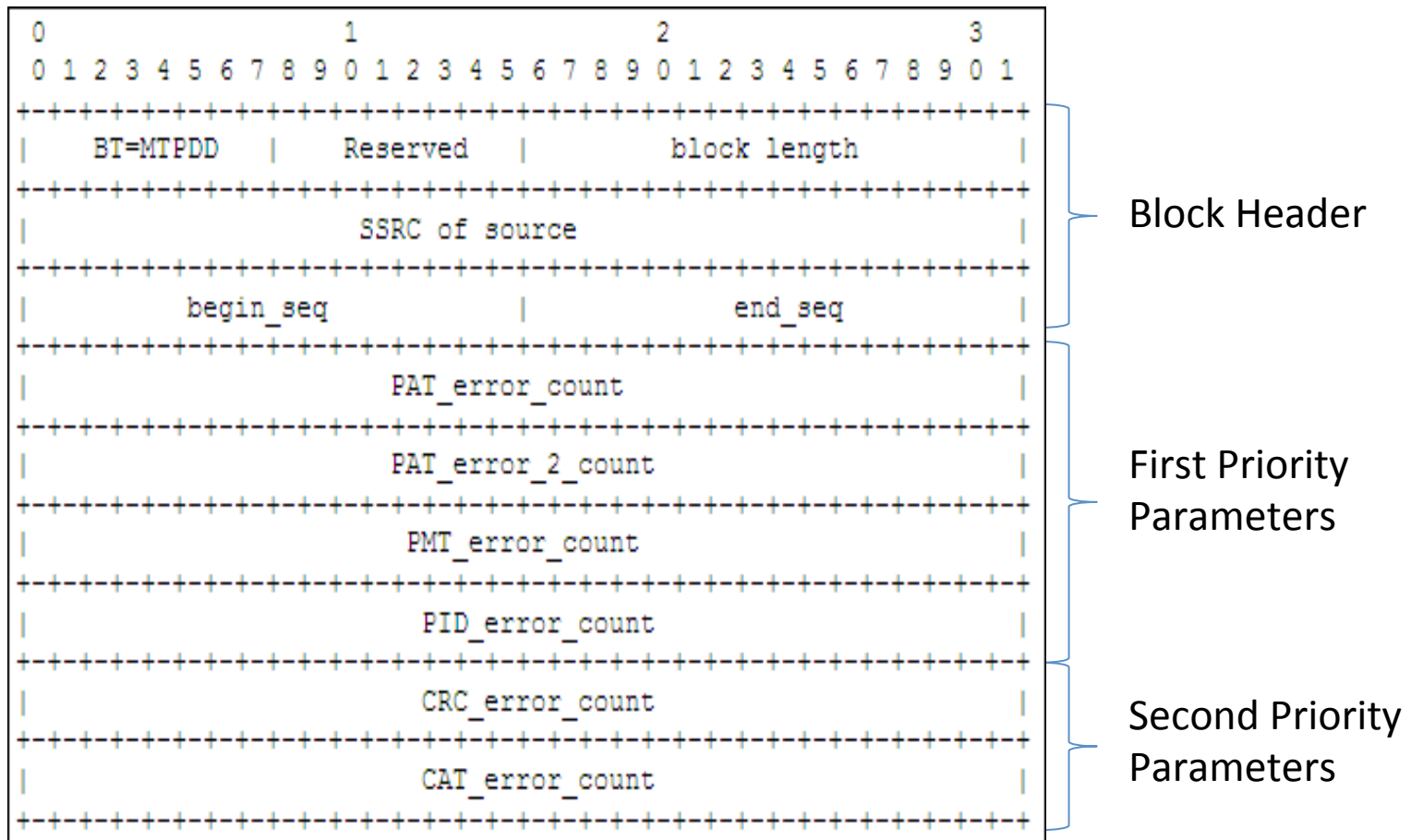
- Objective
  - Using RTCP XR to report MPEG2 TS PSI related Decodability Statistics Metrics Block
- Motivation
  - [I-D.ietf-xrblock-rtcp-xr-decodability ] has nearly been published as RFC6990.
    - focuses on PSI-independent Decodability metrics reporting.
    - Provide XR BLOCK container for existing metrics from ETSI TR 101 290
    - PSI-Related Decodability is unspecified.
  - In the WGLC to [I-D.ietf-xrblock-rtcp-xr-decodability ] , one issue raised by Roni was shall we report other parameter beyond contained in [I-D.ietf-xrblock-rtcp-xr-decodability ] , i.e., PSI related parameters.
  - The rough consensus is to define a second block to cover these parameters.

(See discussion: <http://www.ietf.org/mail-archive/web/xrblock/current/msg01040.html>)

# Overview

- The new metrics block include PSI related metrics that are defined in [ETSI TR101.290]
- These PSI related metrics are parameters from 1<sup>st</sup> and 2<sup>nd</sup> priorities of [ETSI TR101.290]
- Same as MPEGP TS PSI-Independent metrics, the metrics defined in this draft are useful
  - Measuring content stream or TS quality by checking TS header information
  - Identifying the existence, and characterizing the severity, of bitstream packetization problems which may affect users' perception
  - Verifying the continued correct operation of an existing system management tool.

# The Proposed Packet Format



# Next Step

- Request for adoption as a new work item.