

**Joint Video Experts Team (JVET)
of ITU-T SG 16 WP 3 and ISO/IEC JTC 1/SC
29/WG 11**

16th Meeting: Geneva, October 2019

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Title: AHG8/AHG17: Sub-layer picture rates

Status: Input document to JVET

Purpose: Proposal

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Abstract

This contribution presents signalling of mapping sub-layers to picture rates in video coding. Two solutions are proposed: one is a signaling parameters in Supplemental Enhancement Information (SEI) another one using and extension of the HRD parameters for signaling. More specifically, the signaling of the table is proposed that allows mapping of Temporal IDs (TID) of sub-layers with corresponded picture rates.

Introduction

A video of a given number of pictures may be partitioned into one or multiple coded video sequences (CVS). Each CVS can be decoded independently from other coded video sequences that may be contained in the same bitstream. The output order of the pictures is the order in which the pictures have been generated (e.g. recorded or rendered) and should be output for display in order of the original input sequence for the intended visual impression. In the specification, the output order is represented by the picture order count (POC), which uniquely identifies a picture within the CVS. POC distance between two successive pictures does not need to be constant throughout the CVS. It is only required to be strictly increasing along the output order.

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LINKS

CARD

JVET-P0610
<http://vexpertise.stbit.ru/documents/JVET-P0610>

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AHG8/AHG17: Sub-layer picture rates

Authors:

ABSTRACT

MEETING NOTES



SOURCE

external source
https://jvet-experts.org/doc_end_user/current_document.php?id=8404

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Preview document JVET-P0610

Document Information

Submitted by: Jorma Paavola Olli

Title: AHG8/AHG17: Sub-layer picture rates

Authors: V. Sengul

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Comments

Associated Resources



ARCHIVE

archive v3
https://jvet-experts.org/doc_end_user/documents/16_Geneva/wg11/JVET-P0610-v3.zip

FILE BQSquare_416x240_24_blended.avi

FILE BQSquare_416x240_24_repetition.avi

DOC JVET-P0610-v3_specification_text_SolutionA.docx

DOC JVET-P0610-v3_specification_text_SolutionB.docx

DOC JVET-P0610_v3.docx



MEETING NOTES

external meeting notes
https://www.itu.int/wftp3/av-arch/jvet-site/2019_10_P_Geneva/JVET-P_Notes_dG.docx

Joint Video Experts Team (JVET)
of ITU-T SG21 WP3/21 and ISO/IEC JTC 1/SC 29
16th Meeting: Geneva, October 2019

Document: JVET-P0610

Title: Meeting Report of the 41st Meeting of the Joint Video Experts Team

Status: Report document from the chair of JVET

Purpose: Report

1 Summary



MEETING NOTES

[JVET-P0610](#) AHG8/AHG17: Sub-layer picture rates [M. Sychev (Huawei)]

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M. Sychev, "AHG8/AHG17: Sub-layer picture rates", JVET-P0610, 16th Meeting: Geneva, October 2019.

REFERENCES

1. [B. Bross, J. Chen, S. Liu, "Versatile Video Coding \(Draft 6\)", JVET-O2001, 15th Meeting: Gothenburg, SE, July 2019.](#)