

**Joint Video Experts Team (JVET)
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Title: CE10-related: syntax clean-up on triangle prediction

Status: Input document to JVET

Purpose: Proposal

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Abstract

This contribution proposes syntax clean-up on triangle prediction. Two aspects are proposed:

- 1) merge_triangle_flag is not parsed when mmvd_flag is 1 or mh_intra_flag is 1.
- 2) Condition for parsing merge_triangle_flag: sps_triangle_enabled_flag && slice_type == B && cbWidth * cbHeight >= 64.

The experiment result reportedly shows overall -0.07% and -0.14% luma BD-rate changes for RA and LDB, respectively.

Proposed Method

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CARD

<http://vexpertise.stbit.ru/documents/JVET-M0216>



https://jvet-experts.org/doc_end_user/current_document.php?id=5023



https://jvet-experts.org/doc_end_user/documents/13_Marrakech/wg11/JVET-M0216-v3.zip



https://www.itu.int/wftp3/av-arch/jvet-site/2019_01_M_Marrakech/JVET-M_Notes_dH.docx



JVET-M0216 CE10-related: syntax clean-up on triangle prediction [L. Li, J. Nam, N. Park, H. Jang, J. Lim, S. Kim (LGE)]

L Li, J. Nam, N. Park, H. Jang, J. Lim, S. Kim, "CE10-related: syntax clean-up on triangle prediction", JVET-M0216, 13th Meeting: Marrakech, January 2019.

1. [F. Bossen, J. Boyce, X. Li, V. Seregin, K. Sühning, "JVET common test conditions and software reference configurations for SDR video", JVET-L1010, 12th Meeting: Macao, October 2018.](#)