

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

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Title: Crosscheck of JVET-AL0195 (Non-EE2: TIMD-BV extension with enhanced IntraTMP merge list)

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Purpose: Proposal

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Abstract

This contribution is a crosscheck report of JVET-AL0195, which proposes using block vectors for TIMD mode on top of the TIMD/TIMD-SAD mode. It is confirmed that the implementation matches the description of JVET-AL0195 and the partial results match those provided by the proponent.

Introduction

In JVET-AL0195 [1], it is proposed to use block vectors for TIMD mode on top of the TIMD/TIMD-SAD mode. Furthermore, an enhanced IntraTMP merge list sampling strategy is introduced in order to fully explore the potential of the IntraTMP-merge list.

The cross-checker conducted simulations using the provided software on top of ECM-16.1 according to CTC [2] for enhanced compression tool testing with all intra and random access configurations. It is confirmed that the implementation matches the description of JVET-AL0195 and the partial results match those provided by the proponent.

It should be noticed that the running time may not be accurate due the anchor and test are tested in different clusters.

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CARD

<http://vexpertise.stbit.ru/documents/JVET-AL0271>

A screenshot of the JvET Search web application. The header shows the 'JvET Search' logo. Below the header, a search bar contains the text 'Xinxue Li' and a blue button with the number '7271'. To the right of the search bar, the text '(m72458)' is displayed. The main content area shows the title 'Crosscheck of JvET-AL0195 (Non-EE2: TIMD-BV extension with enhanced intraTMP merge list)' in bold. Below the title, the text 'Authors:' is followed by a light blue rectangular box. Inside this box, the word 'ABSTRACT' is written in bold, followed by three horizontal light blue bars representing the abstract text. Below the abstract box, the text 'MEETING NOTES' is written in bold, followed by three horizontal light blue bars representing the meeting notes. In the bottom right corner, there is a QR code.

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Document Information

Submitted by

John Foster Olin

Title

Ciscocheck of JVET-AL0295 Draft-KCZ: TMND-EV extension with enhanced size

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Associated Resources

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Archive

XLS JVET-AL0271-CC-JVET-AL0195.xlsm

DOC JVET-AL0271.docx

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



[JVET-AL0271](#) Crosscheck of JVET-AL0195 (Non-EE2: TIMD-BV extension with enhanced IntraTMP merge list) [X. Li (Alibaba)] [late]

X. Li, "Crosscheck of JVET-AL0195 (Non-EE2: TIMD-BV extension with enhanced IntraTMP merge list)", JVET-AL0271, 39th Meeting: Daejeon, KR, March 2025.

1. [J. Fu, J. Zhang, Y. Zhao, S. Ma, Y. Gao, C. Huang, K. Naser, M. Radosavljević, S. Puri, T. Dumas, D. Ruiz Coll, J.-K. Lee, "Non-EE2: TIMD-BV extension with enhanced IntraTMP merge list", JVET-AL0195, 39th Meeting: Daejeon, KR, March 2025.](#)