

**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: Cross-check of JVET-O0364 (On general intra sample prediction)

Status: Input document to JVET

Purpose: Proposal

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Abstract

The results of a cross-check of JVET-O0364-v1 is reported. It is reported that the cross-checker has conducted a cross-check of the bit-rates and the PSNRs reported for the AI and RA configurations, and the results obtained match the values reported by the proponent. The proposal JVET-O0364-v1 has proposed six methods; four test configurations were crosschecked – Method 2, Method 3, Method 5 and combination of Methods 1 to 6. The software implementation that was provided by the proponents to the cross-checkers was used for the cross-check. The cross-checker also tested Method 3 with software written by the cross-checker. The cross-checker verified the software implementation and reported that the implementation matches the description of the method provided in JVET-O0364-v1.

Cross-checked test

The proposal JVET-O0364 proposes six methods to modify the intra prediction of blocks. The cross-checker tested four test configurations:

Method 2 (using software from proponent)

Method 3 (using software from cross-checker)

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LINKS

CARD

JVET-O1060

<http://vexpertise.stbit.ru/documents/JVET-O1060>

JVET Search

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Cross-check of JVET-O0364 (On general intra sample prediction)

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ABSTRACT

MEETING NOTES



SOURCE

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https://jvet-experts.org/doc_end_user/current_document.php?id=7697

JVET

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Document Information

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Comments

Associated Resources



ARCHIVE

archive

https://jvet-experts.org/doc_end_user/documents/15_Gothenburg/wg11/JVET-O1060-v1.zip

XLS JVET-O1060-v1-Method123456.XLSM

XLS JVET-O1060-v1-Method2.XLSM

XLS JVET-O1060-v1-Method3.XLSM

XLS JVET-O1060-v1-Method5.XLSM

DOC JVET-O1060-v1.docx



MEETING NOTES

external meeting notes

https://www.itu.int/wftp3/av-arch/jvet-site/2019_07_O_Gothenburg/JVET-O_Notes_dF.docx

Joint Video Experts Team (JVET) of ITU-T SG21 WP3/21 and ISO/IEC JTC 1/SC 29 15th Meeting: Gothenburg, SE, July 2019

Document: JVET-O1060

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-O1060](#) Cross-check of JVET-O0364 (On general intra sample prediction) [A. K. Ramasubramonian (Qualcomm)]

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A. K. Ramasubramonian, "Cross-check of JVET-O0364 (On general intra sample prediction)", JVET-O1060, 15th Meeting: Gothenburg, SE, July 2019.

REFERENCES

1. [F. Bossen, "On general intra sample prediction", JVET-O0364, 15th Meeting: Gothenburg, SE, July 2019.](#)