

**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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Abstract

The document summarizes the activities of the AHG on Encoding algorithm optimizations between the 14th meeting in Geneva, CH (19-27, March 2019) and the 15th meeting in Gothenburg, SE (3-12, July 2019).

Introduction

At the 14th JVET meeting, the AHG on Encoding algorithm optimizations was established with the following mandates:

Study the impact of using techniques such as GOP structures and perceptually optimized adaptive quantization for encoder optimization.

Study the impact of adaptive quantization on individual tools in the test model.

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<http://vexpertise.stbit.ru/documents/JVET-O0010>

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JVET AHG report: Encoding algorithm optimizations (AHG10)

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ABSTRACT

MEETING NOTES



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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
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Status: Report document from the chair of JVET

Purpose: Report

1 Summary



MEETING NOTES

[JVET-O0010](#) JVET AHG report: Encoding algorithm optimizations (AHG10) [A. Duenas, A. M. Tourapis, C. Helmrich, S. Ikonin, A. Norkin, R. Sjöberg]

The document summarizes the activities of the AHG on Encoding algorithm optimizations between the 14th meeting in Geneva, CH (19-27, March 2019) and the 15th meeting in Gothenburg, SE (3-12, July 2019).

Relevant input contribution documents (5 in total) were listed and summarized in the AHG report.

- JVET-O0256: Non-CE: Fast encoder with adjusted threshold in dependent quantization
- JVET-O0432: AHG10: LMCS encoder improvement
- JVET-O0549: AHG10: Encoder-only GOP-based temporal filter
- JVET-O0635: AHG10 related: Optimized CTU level bit allocation in inter frames
- JVET-O0888: AHG10: Adaptive Coding Sub-set for encoder optimization

It was remarked that there appear to be normative aspects in JVET-O088.

The AHG recommends that the related input contributions are reviewed and to further continue the study of encoding algorithm optimizations in JVET.

CITATION

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