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: **Conformance testing for versatile video coding (Draft 8)**

Status: Input document to JVET

Purpose: Proposal

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Source: I. Moccagatta, F. Bossen, S. Iwamura, P. de Lagrange

HEADER EXCERPT FROM SOURCE DOCUMENT

Abstract

This document provides a draft text of changes to VVC conformance integrated to the full text of Rec. ITU-T H.266.1 (V2). The bitstreams provided with this document correspond to the fourth edition of Rec. ITU-T H.266. Relative to the previous edition of Rec. ITU T H.266.1 | ISO/IEC 23090-15, this version adds bitstreams for the Multilayer Main 10 profile. A corresponding technically aligned twin text of ISO/IEC 23090-15 is currently under DIS ballot as WG5 output document N00365.

The draft text of Rec. ITU-T H.266.1 (V3) is provided in an attachment to this document. The attachment in -v1 of this document was used as submission for ITU-T consent. This text, which is the same as the ITU-T consented text, will be used as the basis for generating final ITU-T H.266. V3.

The conformance bitstreams needed for this Recommendation are available at the following link: https://www.itu.int/wftp3/av-arch/jvet-site/bitstream_exchange/VVC3rdEd/DIS.zip

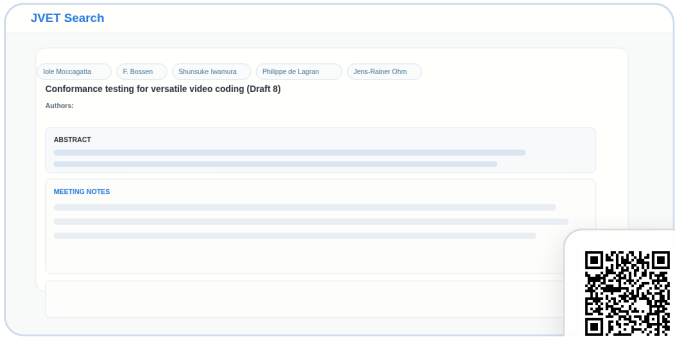
Built from JVET-AN2008-v1_cover.docx

LINKS

CARD

JVET-AN2008

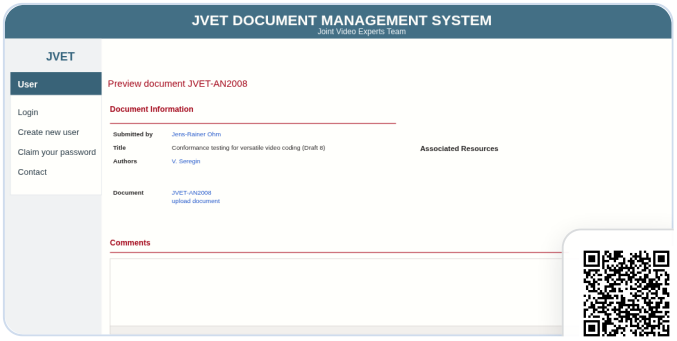
http://vexpertise.stbit.ru/documents/JVET-AN2008



SOURCE

external source

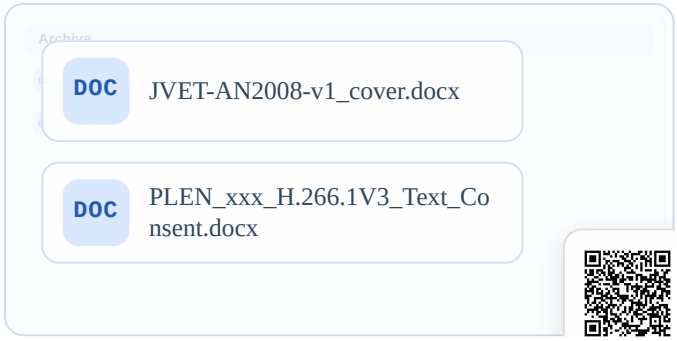
https://jvet-experts.org/doc_end_user/current_document.php?id=16392



ARCHIVE

archive

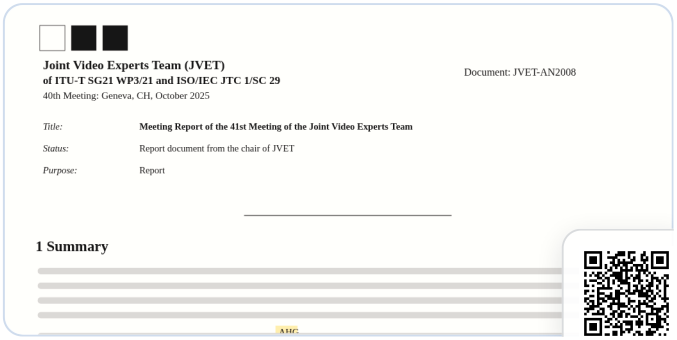
https://jvet-experts.org/doc_end_user/documents/40_Geneva/wg11/JVET-AN2008-v1.zip



MEETING NOTES

external meeting notes

http://vexpertise.stbit.ru/meeting-notes/source/meeting_40_an



MEETING NOTES

JVET-AN2008 Conformance testing for versatile video coding (Draft 8) [I. Moccagatta, F. Bossen, S. Iwamura, P. de Lagrange]

This integrates the additional bitstreams from JVET-AL2028, and corrected bitstreams according to JVET-AM0005.

> This was submitted to ITU consent on H.266.1 3rd ed.

An equivalent version is currently under ballot as ISO/IEC DIS 23090-15 3rd ed.

Remains valid – not updated: JVET-AJ2009 Reference software for versatile video coding 2nd edition (Draft 2) [F. Bossen, K. Sühring, X. Li] [WG 5 DIS N 322)]

Software relating to H.266.2 and ISO/IEC 23090-16 can be found at https://vcgit.hhi.fraunhofer.de/jvet/VVCSoftware_VTM/-/tree/2nd-edition.

Primary editor: F. Bossen.

> A request for next edition(s) of reference software(s) could be issued in the next meeting, and also CD(s) could be produced by the same meeting, as SC 29 is meeting beginning of February and could approve such projects without issuing a ballot. Issuing CD(s) by the January meeting (if mature enough) could avoid that an ISO version would lag behind an ITU version which might be submitted for consent in July 2026. Another consideration could be to start the process for ISO early enough in 2026, such that FDIS and ITU consent could be synchronized in April 2027.

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> Add alternative configuration from JVET-AL0055 and clarification about intra picture period (see discussion under JVET-AL0114). Also links to test sequences are updated due to the change of the content server.

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Remains valid – not updated: JVET-AJ2016 Common test conditions and evaluation procedures for neural network-based video coding technology [E. Alshina, F. Galpin, R.-L. Liao, S. Liu, A. Segall]

Remains valid – not updated: JVET-AI2017 Common test conditions and evaluation procedures for enhanced compression tool testing [M. Karczewicz, Y. Ye]

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It was also commented that it might be good to add conditions relating to HDR, even though currently no HDR tests are conducted in CTC.

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CITATION

I. Moccagatta, F. Bossen, S. Iwamura, P. de Lagrange, "Conformance testing for versatile video coding (Draft 8)", JVET-AN2008, 40th Meeting: Geneva, CH, October 2025.