

**Joint Video Experts Team (JVET)
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29/WG 11**

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(Draft 4)

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Abstract

This document is Draft 4 of a standard that specifies the syntax and semantics of video usability information (VUI) parameters and supplemental enhancement information (SEI) messages for use with coded video bitstreams. The VUI parameters and SEI messages defined in this draft standard may be conveyed within coded video bitstreams in a manner specified in a video coding specification or may be conveyed by other means as determined by the specifications for systems that make use of such coded video bitstreams. This draft standard is particularly intended for use with coded video bitstreams as specified by Rec. ITU-T H.VVC | ISO/IEC 23090-3, although it is drafted in a manner intended to be sufficiently generic that it may also be used with other types of coded video bitstreams.

Editors' Notes:

Draft 4 changes:

Allow the value 6 for chroma sample location type indicators when present.

Add a byte to the decoded picture hash SEI message with a `single_component_flag` followed by 7 reserved zero bits. The width and height of each component are defined externally.

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LINKS

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JVET-R2007

<http://vexpertise.stbit.ru/documents/JVET-R2007>

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ABSTRACT

MEETING NOTES



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ARCHIVE

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MEETING NOTES

external meeting notes

https://www.itu.int/wftp3/av-arch/jvet-site/2020_04_R_Alpbach/JVET-R_Notes_dH.docx

Joint Video Experts Team (JVET) of ITU-T SG21 WP3/21 and ISO/IEC JTC 1/SC 29 18th Meeting: Teleconference, April 2020

Document: JVET-R2007

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

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1 Summary



MEETING NOTES

[JVET-R2007](#) Supplemental enhancement information messages for coded video bitstreams (Draft 4) [J. Boyce, V. Drugeon, G. J. Sullivan, Y.-K. Wang] [WG 11 N 19196] (2020-05-29)

A draft DoCR was issued in WG 11 N 19204.

See the list of elements under section 10.9.

CITATION

J. Boyce, V. Drugeon, G. J. Sullivan, Y.-K. Wang, "Supplemental enhancement information messages for coded video bitstreams (Draft 4)", JVET-R2007, 18th Meeting: Teleconference, April 2020.

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5. [R. Skupin, Y. Sanchez, K. Suehring, T. Schierl, "AHG6/AHG17: 360-degree video related SEI messages", JVET-P0462, 16th Meeting: Geneva, October 2019.](#)
6. [Y.-H. Lee, J.-L. Lin, Y.-J. Chen, C.-C. Ju, J. Boyce, M. Dmitrichenko, "AHG6/AHG17: Generalized cubemap projection syntax for 360-degree videos", JVET-P0597, 16th Meeting: Geneva, October 2019.](#)
7. [V. Drugeon, "AHG9: On Video Usability Information", JVET-Q0042, 17th Meeting: Brussels, January 2020.](#)
8. [Y.-H. Lee, J.-L. Lin, Y.-J. Chen, C.-C. Ju, "AHG6/AHG9: Signalling guard band type for generalized cubemap projection", JVET-Q0343, 17th Meeting: Brussels, January 2020.](#)
9. [V. Drugeon, Y.-K. Wang, "Moving the frame-field information SEI message to the SEI specification", JVET-Q0818, 17th Meeting: Brussels, January 2020.](#)
10. [V. Drugeon, "AHG9: On Video Usability Information", JVET-R0090, 18th Meeting: Teleconference, April 2020.](#)