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| **Joint Collaborative Team on 3D Video Coding Extension**  **of ITU-T SG 16 WP 3 and ISO/IEC JTC 1/SC 29/WG 11**  13th Meeting: Geneva, CH, 17 – 21 Oct 2015 | Document: JCT3V-M0002 |

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| *Title:* | **JCT-3V AHG Report: 3D-HEVC Draft and MV-HEVC / 3D-HEVC Test Model editing (AHG2)** | | |
| *Status:* | AHG report input to JCT-3V | | |
| *Purpose:* | AHG report | | |
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| *Source:* | AHG | | |

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# Abstract

This document reports on the work of the JCT-3V ad hoc group on 3D-HEVC Draft and MV-HEVC / 3D-HEVC Test Model editing (AHG2) between the 12th JCT-3V meeting in Warsaw and the 13th meeting in Geneva.

# Mandates

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| **Title and Email Reflector** | **Chairs** | **Mtg** |
| **3D-HEVC Draft and MV-HEVC / 3D-HEVC Test Model editing (AHG2)**   * Maintain the integrated version of HEVC text JCT3V-L1001 and coordinate with the SCC editors. * Gather and address bug reports related to JCT3V-L1001 and JCT3V-K1003 3D-HEVC and suggest correction actions, if any. * Coordinate with the HTM software Integration AHG to address issues relating to mismatches between software and text. | G. Tech, K. Wegner (co-chairs),  J. Boyce,  Y. Chen,  M. Hannuksela,  T. Suzuki,  S. Yea,  J.-R. Ohm,  G. Sullivan (vice chairs) | N |

# Integrated text of HEVC including 3D-HEVC

The differential text of 3D-HEVC (JCT3V-K1001 3D-HEVC Draft 7) has been integrated to the text of the 2nd version of HEVC and to the screen content coding draft text, resulting documents are JCT3V-L1001 and JCTVC-U1005, respectively.

JCT3V-L1001 includes the 2nd version of the HEVC text of ITU and the text of 3D-HEVC from JCT3V-K1001. It corresponds to the 3rd version of the HEVC text of ITU.

JCTVC-U1005 includes the screen content coding draft text and the text of 3D-HEVC from JCT3V-K1001. The text of JCTVC-U1005 has been submitted to MPEG for FDIS ballot (w15435 Text of ISO/IEC DIS 23008-2:201X 3rd Edition) by the screen content coding draft text editors.

# Bug reports

Several editorial defects in particular in Annex F of the HEVC specification have been reported. A summary including fixes is attached in document JCT3V-M1002\_defects. The defects have also been reported (among others) to JCT-VC in document JCTVC-V0031.

# Recommendations

The recommendations of the 3D-HEVC Draft and MV-HEVC / 3D-HEVC Test Model editing AHG are to:

* Address reported defects.
* Continue to gather and address bugs related to the MV- and 3D-HEVC specification text.
* Compare the MV- and 3D-HEVC specification text with the HTM-software and resolve any discrepancies that may exist, in collaboration with the Software AHG.