|  |  |
| --- | --- |
| **Joint Collaborative Team on Video Coding (JCT-VC)**  **of ITU-T SG 16 WP 3 and ISO/IEC JTC 1/SC 29/WG 11**  15th Meeting: Geneva, CH, 23 Oct. – 1 Nov. 2013 | Document: JCTVC-O0011 |

|  |  |  |  |
| --- | --- | --- | --- |
| *Title:* | **JCT-VC AHG report: SHVC text editing (AHG11)** | | |
| *Status:* | AHG report input to JCT-VC | | |
| *Purpose:* | AHG report | | |
| *Author(s) or Contact(s):* | Jianle Chen Qualcomm Incorporated  Jill Boyce  Vidyo  Yan Ye InterDigital  Miska Hannuksela Nokia Corporation | Email:  Email:  Email:  Email: | [cjianle@qti.qualcomm.com](mailto:cjianle@qti.qualcomm.com)  [jill@vidyo.com](mailto:jill@vidyo.com)  [Yan.Ye@InterDigital.com](mailto:Yan.Ye@InterDigital.com)  [miska.hannuksela@nokia.com](mailto:miska.hannuksela@nokia.com) |
| *Source:* | AHG | | |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Abstract

This document reports the work of the JCT-VC ad hoc group on SHVC text editing (AHG11) between the 14th JCT-VC meeting in Vienna (25 July – 02 August 2013) and the 15th JCT-VC meeting in Geneva (23 October – 01 November 2013).

# Mandate

At the 14th meeting of the ITU-T/ISO/IEC Joint Collaborative Team on Video Coding (JCT-VC), AHG11 on SHVC text editing was established with the following mandates:

* Produce and finalize JCTVC-N1007 SHVC Test Model 3 (SHM 3) text.
* Produce and finalize JCTVC-N1008 SHVC text specification Draft 3.
* Gather and address comments for corrections and editorial improvements of these documents.
* Coordinate with AHG12 on SHVC software development to address issues relating to mismatches between software and text

# Summary of Activities

The SHVC draft 3 and SHVC Test Model 3 text were developed from the SHVC Draft 2 and SHVC Test Model 2 text according to the decisions made at the 14th JCT-VC meeting in Vienna, AT (25 Jul. – 02 Aug. 2013). The main activities performed by AHG11 are as follows:

* JCTVC-N1007 (SHM 3) Test Model 3 document was published following the 14th JCV-VC meeting. The document contains the general descriptions of SHVC framework, texture data resampling process and motion field mapping process. The text related to textureRL (IntraBL) framework was removed based on the decision made at the 14th JCT-VC meeting.
* Two versions of JCTVC-N1008 (SHVC Draft 3) were published following the 14th JCV-VC meeting. Major changes compared to JCTVC-M1008 (SHVC Draft 2) were:
  + Incorporation of all adopted common HLS proposals at the 14th JCTVC meeting
  + Integration of all adopted SHVC-specific proposals at the 14th JCTVC meeting
  + Editorial improvements

# Recommendations

The AHG recommends to:

* Use SHVC bug-tracker (<https://hevc.hhi.fraunhofer.de/trac/shvc>) to report issues related to SHVC Draft and Test Model text.
* Compare the SHVC documents with the SHVC software and resolve any discrepancies that may exist, in collaboration with the SHVC Software AHG.
* Continue to improve the overall editorial quality of the SHVC Draft and Test Model text documents.

# References

1. JCT-VC, “SHVC Test Model 3”, JCTVC-N1007, 14th JCT-VC meeting, Vienna, AT, 25 Jul. – 2 Aug. 2013
2. JCT-VC, “SHVC Draft 3”, JCTVC-N1008, 14th JCT-VC meeting, Vienna, AT, 25 Jul. – 2 Aug. 2013