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ISO/IEC JTC 1/SC 29/WG 4
MPEG VIDEO CODING**

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Title: [MIV] Decoder-side depth estimation conformance bitstream

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1 Abstract

The document presents the new CB26 conformance bitstream generated using TMIV21 including the decoder-side depth estimation syntax. The following files are provided:

- (1) .bit bitstream,
- (2) .txt readme file,
- (3) .dec output log
- (4) .hls human readable parsed metadata
- (5) .csv file with bitrate report

2 CB26: decoder-side depth estimation

List of tested features:

- vme_decoder_side_depth_estimation_flag = true
- casme_decoder_side_depth_estimation_flag = true
- mvp_depth_reprojection_flag = true

Parameters:

- sequence E01
- number of frames = 3
- intra period = 32
- configuration files: config/test/dsde
- VVenC v1.12.0
- gcc 11.4
- generated bitstream is TMIV_DS3_E_QP3.bit (212,795 bytes).

3 Output log

```
0 0 480 2176 G abc7a6e8 A 0 a3b53035 d267b92b 1e681cf5 c8090ad0 73b0f2c9 00000000 26c9cb0a
0 1 480 2176 G a5eb01c9 A 0 5955dc53 b2d9921a 831c3659 c8090ad0 73b0f2c9 00000000 26c9cb0a
0 0 480 2176 G 1691e1ea A 0 22e15cd1 d267b92b 9d7d6b38 5d965e6a 73b0f2c9 00000000 26c9cb0a
0 1 480 2176 G 1b885fe6 A 0 26ee7475 b10aa526 aaf6513a 5d965e6a 73b0f2c9 00000000 26c9cb0a
0 0 480 2176 G 287923f8 A 0 bcf6ec5a d267b92b 417e75be 8aad5906 73b0f2c9 00000000 26c9cb0a
0 1 480 2176 G 984ea41e A 0 fd3280d0 b10aa526 eff8aa7c 8aad5906 73b0f2c9 00000000 26c9cb0a
```

4 Recommendation

The authors recommend using the conformance bitstream presented in this document for assessing the conformance of a MIV decoder with respect to the normative requirements specified in ISO/IEC 23090-12.

5 Acknowledgement

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