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of ITU-T SG 16 WP 3 and ISO/IEC JTC 1/SC
29/WG 11**

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Title: AHG9: On picture segmentation information SEI message in TuC of VSEI

Status: Input document to JVET

Purpose: Proposal

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Source: LGE

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Abstract

This contribution proposes modifications for picture segmentation information (PSI) SEI message in TuC of VSEI. The proposed modifications are as follows:

Change the allowed value range of psi_shift_operator.

Modify the syntax and semantics to signal shifted values.

Make psi_min_value and psi_max_value optional.

Change psi_values_cnt to psi_values_cnt_minus1.

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MEETING NOTES

[JVET-AM0192](#) AHG9: On picture segmentation SEI message in TuC of VSEI [J. Lee, H. Tan, C. Kim, J. Nam, J. Lim, S. Kim (LGE)]

This contribution proposes modifications for picture segmentation information (PSI) SEI message in TuC of VSEI. The proposed modifications are as follows:

- 1 Change the allowed value range of psi_shift_operator.
- 2 Modify the syntax and semantics to signal shifted values.
- 3 Make psi_min_value and psi_max_value optional.
- 4 Change psi_values_cnt to psi_values_cnt_minus1.
- 5 Ensure uniqueness of type identifier.

Regarding item 2, it was suggested to rename the psi_min_value and psi_max_value syntax element names to indicate that they are quantized.

Regarding item 5, it was suggested that some use cases may want to assign two values to the same type identifier and such a restriction would be too limiting.

Agreed to item 1, item 2, item 4.

Danmu information SEI message (3)

Contributions in this area were discussed during 1500–1700 on Sunday 29 June 2025 (chaired by J. Boyce).

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Danmu information

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