

**Joint Video Experts Team (JVET)
of ITU-T SG 16 WP 3 and ISO/IEC JTC 1/SC
29/WG 11**

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Abstract

This contribution proposes the following changes to the VVC specification:

Restrict that slice_collocated_from_l0_flag shall be equal to 1 when slice_type is equal to P.

Restrict that when ph_inter_slice_allowed_flag is equal to 1 and rpl_info_in_ph is equal to 1, num_ref_entries[0][RplsIdx[0]] shall be greater than 0.

In JVET-R0250 it is proposed to add a ph_inter_B_slice_allowed_flag. If such a flag is adopted, it is further proposed to add a restriction that when ph_inter_B_slice_allowed_flag is equal to 1 and rpl_info_in_ph is equal to 1, num_ref_entries[1][RplsIdx[1]] shall be greater than 0.

It is claimed that without the first restriction, the specification is broken since it is not defined how to derive the temporal motion vector prediction from reference picture list 1 for a P slice.

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LINKS

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JVET-R0253

<http://vexpertise.stbit.ru/documents/JVET-R0253>

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ABSTRACT

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

Joint Video Experts Team (JVET)
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1 Summary

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

Report document from the chair of JVET

Report

MEETING NOTES

[JVET-R0253](#) AHG9: Three restrictions when RPL is present in PH [R. Yu, M. Pettersson, R. Sjöberg, M. Damghanian, Z. Zhang, J. Enhorn (Ericsson)]

CITATION

R. Yu, M. Pettersson, R. Sjöberg, M. Damghanian, Z. Zhang, J. Enhorn, "AHG9: Three restrictions when RPL is present in PH", JVET-R0253, 18th Meeting: Teleconference, April 2020.

REFERENCES

- [B. Bross, J. Chen, S. Liu, Y.-K. Wang, "Versatile Video Coding \(Draft 8\)", JVET-Q2001, 17th Meeting: Brussels, January 2020.](#)
- [M. Pettersson, R. Yu, R. Sjöberg, M. Damghanian, Z. Zhang, J. Enhorn, "AHG9: On B-slice signalling in the PH and derivation of slice_type", JVET-R0250, 18th Meeting: Teleconference, April 2020.](#)