

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

12th Meeting: Macao, October 2018

Document: JVET-L0015-v3

MPEG: m44018

Title: JVET AHG report: Bitstream decoding properties signalling (AHG15)

Status: Input document to JVET

Purpose: Proposal

**Author(s) or
Contact(s):** [Jill Boyce | jill.boyce@nokia.com](mailto:jill.boyce@nokia.com)
[Jie Chen | jiechen.cj@alibaba-inc.com](mailto:jiechen.cj@alibaba-inc.com)
[Sachin Deshpande | sdeshpande@sharplabs.com](mailto:sdeshpande@sharplabs.com)
[Marta Karczewicz | martak@qti.qualcomm.com](mailto:martak@qti.qualcomm.com)
[Alexis M. Tourapis | alexismt@apple.com](mailto:alexismt@apple.com)
[Ye-Kui Wang | yekui.wang@bytedance.com](mailto:yekui.wang@bytedance.com)
[S. Wenger | swenger@global.tencent.com](mailto:swenger@global.tencent.com)

Source: J. Boyce, J. Chen, S. Deshpande, M. Karczewicz, A. Tourapis, Y.-K. Wang, S. Wenger

HEADER EXCERPT FROM SOURCE DOCUMENT

Abstract

This document summarizes the activity of AHG15: Bitstream decoding properties signaling, between the between the 11th meeting in Ljubljana, SI (10–18 July 2018) and the 12th meeting in Macao, CN (3 – 12 Oct 2018).

The v1 version of this document contains the minutes of the first AHG conference call held 22 Aug 2018, and an attachment with the presentation shown during the call.

Mandates

The AHG was established with the following mandates:

Study syntax alternatives for interoperability point signalling

Built from JVET-L0015-v3.docx

LINKS

CARD

JVET-L0015

<http://vexpertise.stbit.ru/documents/JVET-L0015>

JVET Search

Ji Boyce

Jie Chen

Sachin Deshpande

Marta Karczewicz

Alexis M. Tourapis

Ye-Kui Wang

S. Wenger

JVET AHG report: Bitstream decoding properties signalling (AHG15)

Authors:

ABSTRACT

MEETING NOTES

ARCHIVE

archive v3

https://jvet-experts.org/doc_end_user/documents/12_Macao/wg11/JVET-L0015-v3.zip

Archive

DOC

JVET-L0015-v3.docx

SOURCE

external source

https://jvet-experts.org/doc_end_user/current_document.php?id=4121

JVET

User

Preview document JVET-L0015

Login

Create new user

Claim your password

Contact

Document Information

Submitted by: Jie Chen

Title: JVET AHG report: Bitstream decoding properties signalling (AHG15)

Authors: S. Wenger

Document: JVET-L0015 (signed document)

Associated Resources

Comments

MEETING NOTES

external meeting notes

http://vexpertise.stbit.ru/meeting-notes/source/meeting_12_1

Joint Video Experts Team (JVET)
of ITU-T SG21 WP3/21 and ISO/IEC JTC 1/SC 29
12th Meeting: Macao, October 2018

Document: JVET-L0015

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

Status: Report document from the chair of JVET

Purpose: Report

1 Summary

MEETING NOTES

[JVET-L0015](#) JVET AHG report: Bitstream decoding properties signalling (AHG15) [J. Boyce, J. Chen, S. Deshpande, M. Karczewicz, A. Tourapis, Y.-K. Wang, S. Wenger]

This document summarizes the activity of AHG15: Bitstream decoding properties signalling, between the 11th meeting in Ljubljana, SI (10–18 July 2018) and the 12th meeting in Macao, CN (3 – 12 Oct 2018).

The v1 version of this document contains the minutes of the first AHG conference call held 22 Aug 2018, and an attachment with the presentation shown during the call.

The v2 version of this document contains the minutes of the second AHG conference call held 20 Sept 2018.

The v3 version of this document includes additional contributions and AHG recommendations.

Email activity for the AHG was conducted on the main jvet reflector, jvet@lists.rwth-aachen.de, with an [AHG15] indication on message headers. The email activity was primarily regarding the two conference calls, announcing logistics, agenda, and availability of minutes and contributions.

A first AHG conference call was held 22 August 2018, with approximately 30 participants.

A second AHG conference call was held 20 September 2017, with approximately 35 participants.

The report contained additional information describing the discussions that took place on the conference calls.

Contributions reviewed at conference call #2:

- JVET-L0042 Example restriction flags for VVC [J. Samuelsson (Divideon)]
- JVET-L0043 AHG15: Hierarchical decoding property indications [M. M. Hannuksela (Nokia)]
- JVET-L0044 AHG15: Proposed interoperability point syntax [J. Boyce, Z. Deng, S. Wong, L. Xu (Intel)]

Additional contributions:

- JVET-L0270 Suggested restriction flag criteria [J. Samuelsson (Divideon)]

The AHG recommended:

- Review all contributions, including those initially discussed during the AHG conference calls
- Consider selection criteria for tool restriction syntax
- Consider decoding process impact of tool restriction syntax.
- Consider high-level syntax location(s) for tool restriction syntax

CITATION

J. Boyce, J. Chen, S. Deshpande, M. Karczewicz, A. Tourapis, Y.-K. Wang, S. Wenger, "JVET AHG report: Bitstream decoding properties signalling (AHG15)", JVET-L0015, 12th Meeting: Macao, October 2018.

REFERENCES

1. [JVET-K031](#)
2. [J. Boyce, X. Ducloux, A. Hinds, S. Wenger, "Interoperability point signaling for VVC", JVET-K0311, 11th Meeting: Ljubljana, July 2018.](#)
3. [B. Bross, J. Chen, S. Liu, "Versatile Video Coding \(Draft 2\)", JVET-K1001, 11th Meeting: Ljubljana, July 2018.](#)
4. [W.-J. Chien, J. Boyce, R. Chernyak, E. Francois, R. Hashimoto, Y. He, Y.-W. Huang, S. Liu, "Methodology and reporting template for tool testing", JVET-K1005, 11th Meeting: Ljubljana, July 2018.](#)
5. [J. Samuelsson, "Example restriction flags for VVC", JVET-L0042, 12th Meeting: Macao, October 2018.](#)
6. [M. M. Hannuksela, "AHG15: Hierarchical decoding property indications", JVET-L0043, 12th Meeting: Macao, October 2018.](#)
7. [J. Boyce, Z. Deng, S. Wong, L. Xu, "AHG15: Proposed interoperability point syntax", JVET-L0044, 12th Meeting: Macao, October 2018.](#)
8. [J. Samuelsson, "Suggested restriction flag criteria", JVET-L0270, 12th Meeting: Macao, October 2018.](#)