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**Coding of moving pictures and audio**

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**ISO/IEC JTC1/SC29/WG11**

**CODING OF MOVING PICTURES AND AUDIO**

**ISO/IEC JTC1/SC29/WG11 w18718**

**July 2019, Gothenburg, Sweden**

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| **Title** | **VE 13.1 Improved color transfer** |
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# Abstract

This document describes the goals and mandates of PCC Validation Experiment (VE) 13.1 on color transfer.

# Introduction

The goal of VE13.1 is to verify the implementation and the results of an improved color transfer method proposed in [1]. The verification experimental results of this VE will be reported to the 3DG/PCC AhG via its email reflector.

# Mandates

The mandate for VE13.1 is as follows:

Verify the implementation and the performance changes resulting from [1].

# Participants

|  |  |  |  |  |
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(P=proponent, C=cross checker)

# Evaluation

The test must be performed using the G-PCC test conditions specified in the Common Test Conditions document [2]. Condition C2 will be tested.

# Timeline

|  |  |
| --- | --- |
| 2019/07/31 | Code base and results delivered to the cross-checkers  available at <http://mpegx.int-evry.fr/software/MPEG/PCC/CE/mpeg-pcc-tmc13/tree/mpeg127/ve13.1/recolour-20190722> |
| 2019/08/31 | Report the final results to the 3DG/PCC AhG via email reflector |

# Document and software references

1. A. Vosoughi, S. Yea, S. Wenger, Sh. Liu, “[G-PCC][New proposal] Improved color transfer,” ISO/IEC JTC1/SC29 WG11 Doc. m49407, July 2019, Gothenburg, Sweden.
2. 3DG, “Common Test Conditions for PCC,” ISO/IEC JTC1/SC29/WG11, 126th meeting, Geneva, w18474, Mar. 2019.