

**ISO/IEC JTC 1/SC 29/WG 11**

**Coding of moving pictures and audio**

**Convenorship: UNI (Italy)**

**ISO/IEC JTC 1/SC 29/WG 11 N**

**Document type: Approved WG 11 document**

**Title:**

**Status: Approved**

**Date of document: 2019-08-04**

**Source: 3DG**

**Expected action:**

**No. of pages: 3**

**Email of convenor: leonardo@chiariglione.org**

**Committee URL: mpeg.chiariglione.org**

**INTERNATIONAL ORGANISATION FOR STANDARDISATION**

**ORGANISATION INTERNATIONALE DE NORMALISATION**

**ISO/IEC JTC 1/SC 29/WG 11**

**CODING OF MOVING PICTURES AND AUDIO**

**ISO/IEC JTC 1/SC 29/WG 11 N18684**

**Gothenburg, SE – July 2019**

|  |  |
| --- | --- |
| **Source:** | **3DG** |
| **Title:** | **V-PCC Exploration Experiment 2.6 on Mesh coding with V-PCC** |
| **Authors:** | **Madhukar Budagavi** |

# Introduction

This document provides a description of Exploratory Experiment 2.6 on mesh coding with V-PCC.

# Mandates

The mandates for EE 2.6 are as follows:

1. Collect dynamic mesh content.
2. Study mesh coding extension to VPCC.
3. Work towards eventual development of test model, anchors, and CTC.

# Participants

|  |  |  |  |
| --- | --- | --- | --- |
| ***Participant*** | ***Contact*** | ***Email*** | ***Type*** |
| Samsung | Madhukar Budagavi  Sungryeul Rhyu  Rajan Joshi | [m.budagavi@samsung.com](mailto:m.budagavi@samsung.com)  [suzz.rhyu@samsung.com](mailto:suzz.rhyu@samsung.com)  r.joshi@samsung.com | Participant |
| Apple | Khaled Mammou | kmammou@apple.com | Participant |
| Sony | Danillo.Graziosi | Danillo.Graziosi@sony.com | Participant |
| IMT | Chao Cao | cao\_chao@telecom-sudparis.eu | Participant |

# Timeline

* 2019-07-12 MPEG #127 meeting ends.
* 2019-07-26 V-PCC: Expected date for release of finalized CE description and CTC.
* 2019-08-02 V-PCCv7.0 software.
* 2019-08-02 Expected date for release of cross-verified V-PCCv7.0 software and anchors
* 2019-09-18 V-PCC CE Software and results are released to cross-checkers
* 2019-09-25 V-PCC preliminary feedback from cross-checkers
* 2019-10-02 MPEG document upload deadline
* 2019-10-07 MPEG #127 meeting starts.

# References

1. Sungryeul Rhyu, Madhukar Budagavi, Rajan Joshi, “[V-PCC] [New Proposal] V-PCC extension for mesh coding,” ISO/IEC JTC1/SC29 WG11 (MPEG) m47608, Geneva, CH, Mar. 2019.
2. Esmaeil Faramarzi, Keming Cao, Hossein Najaf-Zadeh, Rajan Joshi, Madhukar Budagavi, Sungryeul Rhyu, Jaeyeon Song, “[V-PCC] EE2.6 Report on mesh coding”, ISO/IEC JTC1/SC29 WG11 (MPEG) m49588, Jul. 2019.