



**INTERNATIONAL STANDARD ISO/IEC 14496-27:2009/Amd.2:2011**  
**TECHNICAL CORRIGENDUM 1**

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION  
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## **Information technology — Coding of audio-visual objects**

### **Part 27:**

### **3D Graphics conformance**

#### **AMENDMENT 2: Scalable complexity 3D mesh coding conformance**

#### **TECHNICAL CORRIGENDUM 1**

*Technologies de l'information — Codage des objets audiovisuels*

*Partie 27: Conformité aux graphiques 3D*

*AMENDEMENT 2: Conformité pour encodage de maille en 3D de complexité atteignable*

*RECTIFICATIF TECHNIQUE 1*

Technical Corrigendum 1 to ISO/IEC 14496-27:2009 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

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#### **Replace 4.2.2.5.2.2 Test Bitstream**

With the following

#### **4.2.2.5.2.2 Test Bitstreams**

**Files:**

Model's properties: each model has coordinate, coordinate index, color, color index, normal, normal index, texCoord and texCoordIndex per vertex.

In the test name, the prefix XX indicates the input file name. In the files attached to this Part of ISO/IEC 14496, 3 Models are considered, cow, dance and eagle.

If a input file, cow.wrl, is tested under SVA mode, circular prediction and Bit precision coding

- Test Name: cow\_S\_Ci\_BP
- Bitstream: cow\_S\_Ci\_BP.s3d (some bitstreams contain \*.mp4 files)
- Decoded file: Decoded\_cow\_S\_Ci\_BP.wrl

| Test Name  | Parameters                                                       | Bitstream (.s3d or .mp4) | Decoded file (.wrl) |
|------------|------------------------------------------------------------------|--------------------------|---------------------|
| XX_Q_No_FL | QBCR, no prediction, fixed length coding                         | XX_Q_No_FL               | DECODED_XX_Q_No_FL  |
| XX_Q_CD_EG | QBCR, circular prediction, Exponential Golomb entropy coding     | XX_Q_CD_EG               | DECODED_XX_Q_CD_EG  |
| XX_Q_CD_AC | QBCR, circular prediction, Arithmetic coding                     | XX_Q_Cd_AC               | DECODED_XX_Q_CD_AC  |
| XX_Q_CD_BP | QBCR, circular prediction, Bit precision entropy coding          | XX_Q_CD_BP               | DECODED_XX_Q_CD_BP  |
| XX_Q_CD_4C | QBCR, circular prediction, 4-bit entropy coding                  | XX_Q_Cd_4C               | DECODED_XX_Q_CD_4C  |
| XX_Q_Ad_EG | QBCR, adaptive prediction, Exponential Golomb entropy coding     | XX_Q_Ad_EG               | DECODED_XX_Q_Ad_EG  |
| XX_Q_Ad_AC | QBCR, adaptive prediction, Arithmetic coding                     | XX_Q_Ad_AC               | DECODED_XX_Q_Ad_AC  |
| XX_Q_Ad_BP | QBCR, adaptive prediction, Bit precision entropy coding          | XX_Q_Ad_BP               | DECODED_XX_Q_Ad_BP  |
| XX_Q_Ad_4C | QBCR, adaptive prediction, 4-bit entropy coding                  | XX_Q_Ad_4C               | DECODED_XX_Q_Ad_4C  |
| XX_Q_Xo_EG | QBCR, XOR prediction, Exponential Golomb entropy coding          | XX_Q_Xo_EG               | DECODED_XX_Q_Xo_EG  |
| XX_Q_Xo_AC | QBCR, XOR prediction, Arithmetic coding                          | XX_Q_Xo_AC               | DECODED_XX_Q_Xo_AC  |
| XX_Q_Xo_BP | QBCR, XOR prediction, Bit precision entropy coding               | XX_Q_Xo_BP               | DECODED_XX_Q_Xo_BP  |
| XX_Q_Xo_4C | QBCR, XOR prediction, 4-bit entropy coding                       | XX_Q_Xo_4C               | DECODED_XX_Q_Xo_4C  |
| XX_Q_Di_EG | QBCR, differential prediction, Exponential Golomb entropy coding | XX_Q_Di_EG               | DECODED_XX_Q_Di_EG  |
| XX_Q_Di_AC | QBCR, differential prediction, Arithmetic coding                 | XX_Q_Di_AC               | DECODED_XX_Q_Di_AC  |
| XX_Q_Di_BP | QBCR, differential prediction, Bit precision entropy coding      | XX_Q_Di_BP               | DECODED_XX_Q_Di_BP  |
| XX_Q_Di_4C | QBCR, differential prediction, 4-bit entropy coding              | XX_Q_Di_4C               | DECODED_XX_Q_Di_4C  |
| XX_S_CD_EG | SVA, circular prediction, Exponential Golomb entropy coding      | XX_S_CD_EG               | DECODED_XX_S_CD_EG  |