



**INTERNATIONAL STANDARD ISO/IEC 23001-1:2006**  
**TECHNICAL CORRIGENDUM 2**

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION  
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**Information technology — MPEG systems technologies —**  
**Part 1:**  
**Binary MPEG format for XML**

**TECHNICAL CORRIGENDUM 2**

*Technologies de l'information — Technologies des systèmes MPEG —*

*Partie 1: Format binaire de MPEG pour XML*

*RECTIFICATIF TECHNIQUE 2*

Technical Corrigendum 2 to ISO/IEC 23001-1:2006 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

In subclause 6.7.5.2, replace the table with:

| SchemaTypeTable (Schema){                 | Number of bits | Mnemonic   |
|-------------------------------------------|----------------|------------|
| if (FirstSUU) {                           |                |            |
| <b>NumberOfGlobalTypes</b>                | 8+             | vluimbsbf8 |
| ExternallyCastableTypeTable(Schema)       |                |            |
| }                                         |                |            |
| <b>PartialTransmission</b>                | 1              | blsbf      |
| if (PartialTransmission){                 |                |            |
| <b>NumberOfTransmittedTypes</b>           | 5+             | vluimbsf5  |
| for (i=0; i < NumberOfTransmittedTypes;   |                |            |
| i++) {                                    |                |            |
| <b>TransmittedType</b>                    | 5+             | vluimbsf5  |
| <b>NumOfSubtypes[TransmittedType]</b>     | 5+             | vluimbsf5  |
| }                                         |                |            |
| } else {                                  |                |            |
| for (i=0; i < NumberOfGlobalTypes; i++) { |                |            |
| <b>NumOfSubtypes[i]</b>                   | 5+             | vluimbsf5  |
| }                                         |                |            |
| }                                         |                |            |
| }                                         |                |            |

In subclause 6.7.5.4, replace the table with:

| ExternallyCastableTypeTable(Schema) {               | Number of bits                                    | Mnemonic  |
|-----------------------------------------------------|---------------------------------------------------|-----------|
| <b>IsThereExternallyCastableType</b>                | 1                                                 | blsbf     |
| If (IsThereExternalCastableType) {                  |                                                   |           |
| <b>all_type_externally_castable</b>                 | 1                                                 | blsbf     |
| If(!all_type_externally_castable) {                 |                                                   |           |
| <b>NumberOfExternallyCastableType</b>               | 5+                                                | vluimbsf5 |
| for(i=0;i<<br>NumberOfExternallyCastableType; i++){ |                                                   |           |
| <b>ExternallyCastableType</b>                       | ceil( log2(<br>NumberOfGlobalTypes in<br>Schema)) | blsbf     |
| }                                                   |                                                   |           |
| }                                                   |                                                   |           |
| }                                                   |                                                   |           |
| }                                                   |                                                   |           |

In subclause 6.7.6.2, replace the table with:

|                                                    |                       |                 |
|----------------------------------------------------|-----------------------|-----------------|
| SchemaElementTable (Schema){                       | <b>Number of bits</b> | <b>Mnemonic</b> |
| if (FirstSUU) {                                    |                       |                 |
| <b>NumberOfGlobalElements</b>                      | 8+                    | vluimbsf8       |
| ExternallyCastableElementTable(Schema)             |                       |                 |
| }                                                  |                       |                 |
| <b>PartialTransmission</b>                         | 1                     | blsbf           |
| if (PartialTransmission){                          |                       |                 |
| <b>NumberOfTransmittedElements</b>                 | 5+                    | vluimbsf5       |
| for (i=0; i < NumberOfTransmittedElements; i++) {  |                       |                 |
| <b>TransmittedElement</b>                          | 5+                    | vluimbsf5       |
| <b>NumOfSubstituteElements[TransmittedElement]</b> | 5+                    | vluimbsf5       |
| }                                                  |                       |                 |
| } else {                                           |                       |                 |
| for (i=0; i < NumberOfGlobalElements; i++) {       |                       |                 |
| <b>NumOfSubstituteElements[i]</b>                  | 5+                    | vluimbsf5       |
| }                                                  |                       |                 |
| }                                                  |                       |                 |
| }                                                  |                       |                 |

In subclause 6.7.6.4, replace the table with:

|                                                            |                                                     |                 |
|------------------------------------------------------------|-----------------------------------------------------|-----------------|
| ExternallySubstitutableElementTable(Schema) {              | <b>Number of bits</b>                               | <b>Mnemonic</b> |
| <b>IsThereExternallySubstitutableElement</b>               | 1                                                   | blsbf           |
| If (IsThereExternallySubstitutableElement) {               |                                                     |                 |
| <b>all_element_externally_substitutable</b>                | 1                                                   | blsbf           |
| If(!all_element_externally_substitutable) {                |                                                     |                 |
| <b>NumberOfExternallySubstitutableElement</b>              | 5+                                                  | vluimbsf5       |
| for(i=0;i<<br>NumberOfExternallySubstitutableElement;i++){ |                                                     |                 |
| <b>ExternallySubstitutableElement</b>                      | ceil(log2(Number<br>OfGlobalElements<br>in Schema)) | blsbf           |
| }                                                          |                                                     |                 |
| }                                                          |                                                     |                 |
| }                                                          |                                                     |                 |
| }                                                          |                                                     |                 |