A.1 DICOM Implicit VR Little Endian Transfer Syntax

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Data Elements (0066,0025) Vertex Point Index List, (0066,0024) Edge Point Index List, (0066,0023) Triangle Point Index List and (0066,0029) Primitive Point Index List have the Value Representation OW and shall be encoded in Little Endian and are always interpreted as unsigned.

Note

1. Encoding of Curve Data and Audio Sample Data was previously defined but has been retired. See PS3.5-2004.
2. **Vertex Point Index List (0066,0025), Edge Point Index List (0066,0024), Triangle Point Index List (0066,0023) and Primitive Point Index List (0066,0029) were previously defined with a value representation of OW and always interpreted as unsigned, but have been retired. These have been replaced by corresponding UL data elements, which allow values larger than 65535 to index the full range of points that can be encoded in Point Coordinates Data (0066,0016). See PS3.5-2015C.**

This DICOM Implicit VR Little Endian Transfer Syntax shall be identified by a UID of Value "1.2.840.10008.1.2".

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**Correct DICOM PS3.5 Annex A.2, remove last bullet point before last note and add new note**

A.2 DICOM Little Endian Transfer Syntax (Explicit VR)

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*Data Elements (0066,0025) Vertex Point Index List, (0066,0024) Edge Point Index List, (0066,0023) Triangle Point Index List and (0066,0029) Primitive Point Index List have the Value Representation OW and shall be encoded in Little Endian and are always interpreted as unsigned.*

Note

1. For Data encoded with the Value Representation OB, the Data encoding is unaffected by Little Endian or Big Endian byte ordering.

2. Encoding of Curve Data and Audio Sample Data was previously defined but has been retired. See PS3.5-2004.

3. **Vertex Point Index List (0066,0025), Edge Point Index List (0066,0024), Triangle Point Index List (0066,0023) and Primitive Point Index List (0066,0029) were previously defined with a value representation of OW and always interpreted as unsigned, but have been retired. These have been replaced by corresponding UL data elements, which allow values larger than 65535 to index the full range of points that can be encoded in Point Coordinates Data (0066,0016). See PS3.5-2015C.**

This DICOM Explicit VR Little Endian Transfer Syntax shall be identified by a UID of Value "1.2.840.10008.1.2.1".

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**Correct DICOM PS3.5 Annex A.3, remove last bullet point before last note and add new note**

A.3 DICOM Big Endian Transfer Syntax (Explicit VR)

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*Data Elements (0066,0025) Vertex Point Index List, (0066,0024) Edge Point Index List, (0066,0023) Triangle Point Index List and (0066,0029) Primitive Point Index List have the Value Representation OW and shall be encoded in Little Endian and are always interpreted as unsigned.*

Note
1. For Data encoded with the Value Representation OB, the Data encoding is unaffected by Little Endian or Big Endian byte ordering.

2. Encoding of Curve Data and Audio Sample Data was previously defined but has been retired. See PS3.5-2004.

3. **Vertex Point Index List (0066,0025), Edge Point Index List (0066,0024), Triangle Point Index List (0066,0023) and Primitive Point Index List (0066,0029)** were previously defined with a value representation of OW and always interpreted as unsigned, but have been retired. These have been replaced by corresponding UL data elements, which allow values larger than 65535 to index the full range of points that can be encoded in Point Coordinates Data (0066,0016). See PS3.5-2015C.

This DICOM Explicit VR Big Endian Transfer Syntax shall be identified by a UID of Value "1.2.840.10008.1.2.2".

Correct DICOM PS3.5 Annex A.4, remove last bullet point before last note and add new note

### A.4 Transfer Syntaxes For Encapsulation of Encoded Pixel Data

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- **Data Elements (0066,0025) Vertex Point Index List, (0066,0024) Edge Point Index List, (0066,0023) Triangle Point Index List and (0066,0029) Primitive Point Index List** have the Value Representation OW and shall be encoded in Little Endian and are always interpreted as unsigned.

#### Note

1. For Data encoded with the Value Representation OB, the Data encoding is unaffected by Little Endian or Big Endian byte ordering.

2. Encoding of Curve Data and Audio Sample Data was previously defined but has been retired. See PS3.5-2004.

3. **Vertex Point Index List (0066,0025), Edge Point Index List (0066,0024), Triangle Point Index List (0066,0023) and Primitive Point Index List (0066,0029)** were previously defined with a value representation of OW and always interpreted as unsigned, but have been retired. These have been replaced by corresponding UL data elements, which allow values larger than 65535 to index the full range of points that can be encoded in Point Coordinates Data (0066,0016). See PS3.5-2015C.

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