**Proposed changes to EDXL-HAVE-v2.0.xsd**

**Replace**

<xs:import namespace="urn:oasis:names:tc:emergency:edxl:ciq:1.0:xpil" schemaLocation="./rim/edxl\_xPIL.xsd"/>

<xs:import namespace="urn:oasis:names:tc:emergency:edxl:ciq:1.0:xal" schemaLocation="./rim/edxl\_xAL.xsd"/>

**With**

<xs:import namespace="urn:oasis:names:tc:emergency:edxl:ciq:1.0:xpil" schemaLocation="./rim/edxl-xPIL.xsd"/>

<xs:import namespace="urn:oasis:names:tc:emergency:edxl:ciq:1.0:xal" schemaLocation="./rim/edxl-xAL.xsd"/>

**Result:** Invalid, error in associated file ‘edxl-xNL’ 'grNameKey' is already declared. This error was repeated for all elements. However, by deleting ‘xlink-2003-12-31’ and replacing with ‘xlink.xsd’ that problem was resolved. Success. This replacement is a change that is likely coming from the RIM SC as a recommendation.

**Reason:** replacements use Pascal Camel Case Capitalization Scheme the TC adopted. The correct files have/had to be added to the ‘ ./rim’ directory (a directory name that needs to be changed and standardized across the EDXL family that uses supporting elements from edxl-ct, edxl-ciq and edxl-gsf.)

(Note: The recommendation from the RIM SC will be to have a structure consisting of the main specification folder, a folder/directory named “examples” for examples, a folder/directory named “schema” for the main schema, including in it a folder/directory named “ImportedSchema” for the imported schema for edxl-ct (Common Types), edxl-gsf (Geographic Simple Features Profile), edxl-ciq (Customer Information Quality Profiles) and edxl-ext (Extension). We’re just standardizing this structure across the whole suite/family of EDXL.

**Replace** (15 occurences)

<xs:element name="comment" type="FreeTextType" minOccurs="0">

**With**

<xs:element name="remarks" type="ct:RemarksType" minOccurs="0"/>

**Result:** Error message: (15 occurrences some different cardinalities)

'have:ct-RemarksType' must refer to an existing simple or complex type.

However I noticed that the namespace prefix I actually needed to use was ‘edxl-ct:RemarksType’:

<xs:element name="remarks" type="edxl-ct:RemarksType" minOccurs="0"/>

It succeeded! (It validated.)

**Replace** (following lesson learned in preceding item) I decided to leave FreeTextType in because the precedent of explicitly providing for alternate languages in the creation and delivery of EDXL messages is something I think is worth initiating and continuing. However, I propose to eliminate LmitedString since it occurs in just this one specification and edxl-ct already has it covered in the restriction of edxl-ct:EDXLString

<xs:complexType name="FreeTextType">

<xs:sequence>

<xs:element name="defaultText" type="LimitedString">

<xs:annotation>

<xs:documentation>The text value that uses the message default language (defined at in the HAVE message defaultLanguage attribute).</xs:documentation>

</xs:annotation>

</xs:element>

<xs:element name="alternateText" type="AlternateTextType" minOccurs="0" maxOccurs="unbounded">

<xs:annotation>

<xs:documentation>Alternate language representation.</xs:documentation>

</xs:annotation>

</xs:element>

</xs:sequence>

</xs:complexType>

<xs:complexType name="AlternateTextType">

<xs:simpleContent>

<xs:extension base="LimitedString">

<xs:attribute name="language" type="xs:string" use="required">

<xs:annotation>

<xs:documentation>Language code for the text in this element. Code MUST comply with RFC3066. </xs:documentation>

</xs:annotation>

</xs:attribute>

</xs:extension>

</xs:simpleContent>

</xs:complexType>

**With**

<xs:complexType name="FreeTextType">

<xs:sequence>

<xs:element name="defaultText" type="edxl-ct:EDXLStringType">

<xs:annotation>

<xs:documentation>The text value that uses the message default language (defined at in the HAVE message defaultLanguage attribute).</xs:documentation>

</xs:annotation>

</xs:element>

<xs:element name="alternateText" type="AlternateTextType" minOccurs="0" maxOccurs="unbounded">

<xs:annotation>

<xs:documentation>Alternate language representation.</xs:documentation>

</xs:annotation>

</xs:element>

</xs:sequence>

</xs:complexType>

<xs:complexType name="AlternateTextType">

<xs:simpleContent>

<xs:extension base=" edxl-ct:EDXLStringType ">

<xs:attribute name="language" type="xs:string" use="required">

<xs:annotation>

<xs:documentation>Language code for the text in this element. Code MUST comply with RFC3066. </xs:documentation>

</xs:annotation>

</xs:attribute>

</xs:extension>

</xs:simpleContent>

</xs:complexType>

The substitution above validated with no problem.

We may want to eliminate “LimitedString” but for now I have commented it out as shown below:

</xs:simpleType>

<!--xs:simpleType name="LimitedString">

<xs:annotation>

<xs:documentation>Text block for preserving whitespace but limiting length to 1024 characters.</xs:documentation>

</xs:annotation>

<xs:restriction base="xs:string">

<xs:whiteSpace value="preserve"/>

<xs:maxLength value="1024"/>

</xs:restriction>

</xs:simpleType-->

<xs:complexType

Why? Because “EDXLStringType, from ‘edxl-ct-v1.0-wd06’ and the current official version of edxl-ct-v1.0.xsd seems to handle this consideration:

<xs:simpleType name="EDXLStringType">

<xs:restriction base="xs:token">

<xs:maxLength value="1023"/>

<xs:minLength value="1"/>

</xs:restriction>

I wouldn’t characterize any of these changes as major, but they are also not “Non-Material Changes” as OASIS recognizes such. Anyone who had implemented the current version would have their implementation broken by these changes, but would not have a difficult time adjusting some element names to come into conformance.