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To: JTC 1 Secretariat

Title: Response to ISO/IEC JTC 1 TW0045 dated 2008-03-14

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SC34 Ref: http://www.itscj.ipsj.or.jp/sc34/def/1004.pdf

TW Ref: http://jtc1tw.logti.etsmtl.ca/TW0001-TW0050/TW0045%20Presentation_11Oct_2007%20final%20III.pdf

Thank you for including SC34 in the list of subcommittees potentially offering opportunities to enhance cross-sectoral eBusiness planning and integration methodologies described in the Technology Watch document TW0045. This document was presented to SC34 at its opening plenary in Oslo April 5, 2008.

There are no citations in the TW00045 cover page as to why SC34 is chosen as one such subcommittee. However, reviewing the slide deck included in TW0045, slide 4 is titled "E-Business Infrastructure Components", and we note the box labeled "Markup Languages" alongside other encodings including ASN.1 and Electronic Data Interchange "EDI".

While the scope of ISO/IEC JTC 1/SC 34 is, indeed, markup languages, the complete title is "Document description and processing languages". Most of the specifications regard the languages used to describe other markup vocabularies, rather than the actual markup vocabularies used for XML documents. For example, the Document Schema Definition Languages (DSDL) project has so far standardized, amongst other projects, the RELAX-NG pattern grammar, the Schematron assertion grammar and the NVDL namespace dispatching language all used in the definition of other XML document vocabularies. Granted, in recent years, the subcommittee has in fact standardized two specific XML vocabularies for office documents. These, however, are more in line with SC34's heritage from the defunct ISO/IEC JTC 1/SC 18 subcommittee

on office systems, so are more in scope with our work in general.

We note there are members of SC34 that are also members of other standardization efforts for XML vocabularies for different domains, including electronic commerce. For example, the OASIS Universal Business Language Technical Committee
http://www.oasis-open.org/committees/ubl
has standardized the OASIS Universal Business Language (UBL) 2.0 specification
http://docs.oasis-open.org/ubl/os-UBL-2.0/UBL-2.0.html
describing an XML vocabulary for the interchange of business documents. This standard includes 31 electronic procurement and transportation document types, such as purchase order, invoice, waybill, transportation status, etc. There is an informative ASN.1 expression supporting the UBL 2.0 specification. UBL 2.1 is currently being defined to include pre-award documents in the tendering process, to complement the existing post-awared documents of UBL 2.0. UN/CEFACT is the custodian for EDI and there is an ongoing alignment effort by the UBL Technical Committee to harmonize the upcoming UBL 2.1 with the UN/CEFACT Core Component Library through the work of TBG17. UBL is designed to work within the ebXML context, standardized as ISO/IEC 15000 from ISO TC 154. Perhaps you will find in UBL something already available off-the-shelf to satisfy the requirements
represented by this box in your diagram.

We also note the citation of "code lists" in one of the boxes of your diagram. This is another example where ISO/IEC JTC 1/SC 34 would probably not have any mandate to produce standards directly in this regard. It happens that the OASIS Code List Representation Technical Committee http://www.oasis-open.org/committees/codelist
has specified Genericode 1.0 http://docs.oasis-open.org/codelist/genericode for the representation of code lists in XML. It is also working on the context/value association specification (CVA)
ttp://www.oasis-open.org/committees/document.php?document_id=27454
to use genericode in XML documents. Perhaps you will find in genericode and CVA something already available off-the-shelf to satisfy the requirements represented by this box in your diagram.

Of course these two areas are small parts of the entire picture expressed in your diagram on slide 4. Nevertheless, you may find these other projects in line with your requirements and available, without encumbrances, for immediate prototyping and

deployment.

Good luck in your project!