Request for Establishment of a Liaison between TC 20/SC 13 (Space data and information transfer systems) and TC 46/SC 4 (Technical interoperability)

Identification of the requester

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Reason for Liaison

ISO TC 46/SC 4 has recently launched a new work item DEPIP (Data Exchange Protocol for Interoperability and Preservation). A new working group, WG 15 (Metadata and protocols for long term preservation) is responsible for the work.

In its 2015 plenary ISO TC 46/SC 4 made the following resolution:

- TC 46/SC 4 Instructs the SC4 secretariat to contact and establish a liaison with ISO/TC 20/SC 13 responsible for OAIS standards, for involvement in WG15 work,

DEPIP is based on French national standard MEDONA. Both protocols rely on the OAIS model. Therefore SC 4 has an interest to follow closely the future development of ISO 14721 and related standards. On the other hand, TC 20/SC 13 may be interested in DEPIP as a domain specific definition of how production systems can interact with an OAIS archive.

Background

Libraries, archives and museums must preserve various kinds of digital resources for future generations. Several TC 20/SC 13 standards have been used in our digital archiving projects. OAIS Reference model is of particular importance due to its almost all encompassing popularity. Other very relevant TC 20/SC 13 standards include ISO 20104 (Producer-Archive Interface Specification, PAIS) ISO 16363 (Audit and certification of trustworthy digital repositories) and ISO 16919 (Requirements for bodies providing audit and certification of candidate trustworthy digital repositories).

Memory institutions have several well established industry standards in the area of digital preservation. Examples include PREMIS Preservation metadata data dictionary, container standards for information packages

including METS[1] (Metadata encoding and transmission standard) and WARC[2] (Web archive format, ISO 28500:2009). There are also specifications for technical metadata such as MIX[3] (Metadata for images in XML) and textMD[4] (Technical metadata for text).

Nomination of observers

According to the ISO Directives "A technical committee or subcommittee may designate an observer, or observers, to follow the work of another technical committee with which a liaison has been established, or one or several of its subcommittees. The designation of such observers shall be notified to the secretariat of the committee concerned, which shall communicate all relevant documents to the observer or observers and to the secretariat of that technical committee or subcommittee. The appointed observer shall make progress reports to the secretariat by which s/he has been appointed."

TC 46/SC 4 nominates two observers:

Juha Hakala (for contact information, see above)

Claire Sibille –-de Grimoüard

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The observers would like to receive materials related to TC 20/SC 13 standards listed above.

TC 20/SC 13 is welcome to nominate an observer / observers to follow the digital preservation –related work of TC 46/SC 4.

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[1] http://www.loc.gov/standards/mets/
[2] http://www.digitalpreservation.gov/formats/fdd/fdd000236.shtml
[3] http://www.loc.gov/standards/mix/
[4] http://www.loc.gov/standards/textMD/