**ISO/IEC JTC 1/SC 24**

**Computer graphics, image processing and environmental data representation**

**Secretariat: BSI (United Kingdom)**

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| **Email of secretary:** | charles.whitlock@bsigroup.com |
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30 July 2013

# Convener's Report for SC 24/WG 8
# for the
# WG 8 and SC 24 Plenary Meetings, Sydney, Australia
# 26 - 30 August 2013

WG 8, working in co-operation with the SEDRIS Organization, is responsible for standards relating to the representation and interchange of environmental data. The changes to the WG 8 Standards and work programmes that have occurred over the last year are as follows;

| Standard | Change since 2012 Brussels Plenary |
| --- | --- |
| ISO/IEC 9973 Procedures for registration of items | DIS ballot approved 14 November 2012<br>Ed. 3 published July 2013 |
| ISO/IEC 18023-1: SEDRIS DRM and API | NWIP to be generated |
| ISO/IEC 18023-2: SEDRIS Abstract Transmittal | NWIP to be generated |
| ISO/IEC 18023-3: SEDRIS Binary Encoding | NWIP to be generated |
| ISO/IEC 18024-4: SEDRIS Language Binding to C | NWIP to be generated |
| ISO/IEC 18025: Environmental Data Coding Specification (EDCS) | DIS ballot approved 14 September 2012<br>FDIS sent to ISO for ballot 11 March 2013 |
| ISO/IEC 18041-4: EDCS Language Binding to C | NWIP and CD approved 14 June 2013 |
| ISO/IEC 18026:  Spatial Reference Model (SRM) | DIS ballot approved 16 October 2012 |
| ISO/IEC 18042-4: SRM Language Binding to C | NWIP to be generated |
| TR 24788 Templates for the SEDRIS DRM | Project cancelled August 2012 |

The DIS for ISO/IEC 9973 (Procedures for the registration of items) was approved in November and, since the required changes were minor, a final copy was submitted to ISO for publication. For the final proof that was reviewed by the editors, the only comment related to the format of external URL links. The 3rd Edition of 9973 was published at the end of July.

For ISO/IEC 18025 (EDCS), the FDIS has been prepared and was sent to ISO for balloting in March. The ballot has not yet been posted, however, and the reasons for delay are unclear.

The preparation of the FDIS for ISO/IEC 18026 (SRM) is not a trivial task, since the SRM is a detailed mathematical document. The FDIS is still in preparation, with an original expected completion date of September 2013.  However, the progression of the document is subject to the resolution of US DoD budget issues, which will delay the completion date.

The EDCS Registry Rapporter Group has completed the assessment of 6 submissions, (2007-Q4, 2008-Q1, 2008-Q3, 2009-Q1, 2009-Q3 and 2011-Q1). The 2011-Q1 submitted items may need to be revised, however, due to a change of contractor/proposer. There has been very little work on the Registry over the last year, due to resourcing priorities given to completion of other tasks, including the preparation of the EDCS Edition 2 FDIS.

There have been frequent teleconferences between editors, particularly for the SRM and EDCS standards, but no formal meetings since the 2012 Plenary. WG 8 members have also participated in WG 9 meetings and teleconferences for augmented reality (ARC/MAR).

Respectfully submitted,

Jack Cogman,
Convenor ISO/IEC JTC 1/SC 24/WG 8: Environmental Data Representation
2013-07-26