**ISO/IEC JTC 1/SC 24 N 3685**

**ISO/IEC JTC 1/SC 24/WG 8 N 0597**

**26-Aug-2015**

Recommendations of ISO/IEC JTC 1 / SC 24/WG 8 to

 SC 24 Plenary Meeting, London, UK, 24-28 August 2015

Resulting from the WG 8 Plenary Meeting on 26 August 2015

Part 1: Progression of Work

# Programme of Work

ISO/IEC JTC1/SC 24/WG 8 approves the programme of work and document editors described in the table below:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Short Title | Reference | WG | Editor | CD/PDAM/PDTR | DIS (FCD)/FPDAM | FDIS/FDAM/DTR | IS\*/AMD/TR |
| EDCS LB Ed. 3 | ISO/IEC 18041-4:201x | 8 | Puk, Worley | 6/13 | 8/15 | - | 4/16 |

The dates shown indicate the start of the ballot for the appropriate document

**\*** Anticipated date of IS/Amd/TR publication

# Progression of ISO/IEC 18041-4 (EDCS LB)

ISO/IEC/JTC 1/SC 24/WG 8 requests SC 24 to delegate authority to editors to prepare FDIS text for ISO/IEC 18041-4 based on the disposition of comments that will be prepared at the Editing Meeting at the completion of the DIS ballot, if technical comments are received. If no technical comments are received, ISO/IEC/JTC 1/SC 24/WG 8 requests that SC 24 delegate authority to the Editors to prepare the final text for publication.

Document Title

ISO/IEC 18041-4 Ed. 3 EDCS Language bindings revision

# Proposed New Item for ISO/IEC 18026 (SRM)

ISO/IEC JTC 1/SC 24/WG 8 requests SC 24 to approve a New Work Item being raised, along with CD/DIS text, for the following standard that will incorporate the work already developed by the current project:

**Document Title**

ISO/IEC 18026 Ed 3 Revision

# Proposed New Items

Whereas:

Revision work on ISO/IEC 18025 (EDCS) and ISO/IEC 18026 (SRM) requires modification to other SEDRIS standards, including the respective language bindings, when ISO/IEC 18026 (SRM) Ed 3 has been published.

Therefore:

ISO/IEC JTC 1/SC 24/WG 8 advises SC 24 that it intends to raise New Work Items, along with CD text to incorporate the necessary enhancements in the following standards:

* ISO/IEC 18023-1 Ed. 2 SEDRIS Part 1 Revision
* ISO/IEC 18023-3 Ed. 2 SEDRIS Part 3 Revision
* ISO/IEC 18024-4 Ed. 2 SEDRIS Language binding Revision
* ISO/IEC 18042-4 Ed. 2 SRM Language binding Revision

# Support for New WG 8 Work

ISO/IEC JTC 1/SC 24/WG 8 plans to continue its cooperative work, in conjunction with the SEDRIS Organization, with OKTAL-SE, Chungbuk National University, the Enterprise Data Services (US DoD) program, Simulation Interoperability Standards Organization, and others on the possibility of new work in the following areas:

* Representation of material roughness for sensor simulation
* Representation of a dynamic sea model
* Representation of procedurally generated geometry and terrain
* Handling of varied and detailed metadata information for generation and processing of environmental data
* Reuse and Interoperation of Environmental Data and Processes (RIEDP)
* Possibility of using X3D within SEDRIS

# Promoting Joint Work with TC 211

Whereas:

Continued opportunity for joint work with ISO/TC 211, especially in the area of ISO Geodetic Registry Network, exists.

Therefore:

ISO/IEC JTC 1/SC 24/WG 8 requests SC 24 to continue the authorization of the following individuals to act as subject matter experts:

Dr. Paul Berner

Ms. Laura Moore
Mr. Craig Rollins

Mr. Kurt Schulz
Mr. Kevin Trott

plus additional subject matter experts as may be deemed appropriate for a given task, to actively participate with TC 211 spatial experts in order to promote and facilitate joint work with TC 211.

# Continuation of the Cooperation with the SEDRIS Organization

Whereas:

a) cooperation during the last year between ISO/IEC JTC 1/SC 24 and the SEDRIS Organization has been productive and to the mutual benefit of both organizations;

b) there are additional SEDRIS-related standards projects in process that emanate from the SEDRIS Organization and National Bodies, and therefore additional future work is anticipated.

Therefore:

ISO/IEC JTC 1/SC 24/WG 8 requests that SC 24 endorse the continued successful cooperation with the SEDRIS Organization in the development of additional ISO/IEC work items related to SEDRIS-based standards.

#  Continuation of Cooperation with the Open Geospatial Consortium (OGC)

Whereas:

ISO/IEC JTC 1/SC 24 and OGC have mutual interest in several specific projects, where each might apply base technologies developed by or in development within the other.

Therefore:

ISO/IEC JTC 1/SC 24/WG 8 requests that SC 24 endorse the continued cooperation with OGC.

#  Continuation of Cooperation with the Simulation Interoperability Standards Organization (SISO)

Whereas:

ISO/IEC JTC 1/SC 24 and SISO have mutual interest in several specific projects, where each might apply base technologies developed by or in development within the other and in which SISO has taken an active interest in 2015.

Therefore:

ISO/IEC JTC 1/SC 24/WG 8 requests that SC 24 endorse the continued cooperation with SISO.

#  ISO Web Site for Maintenance Agencies and Registration Authorities (MA/RA)

It is observed that the ISO MA/RA web site has been updated and although it still contains entries for ISO/IEC 18023-1 (SEDRIS DRM) and ISO/IEC 18026 (SRM), it is missing the entry for ISO/IEC 18025 (EDCS). It is also noted that the web reference given at the MA/RA web site for the documents is to the BSI web site rather than to the SC 24 Registry page/web site.

ISO/IEC JTC 1/SC 24/WG 8 requests the SC 24 Secretary to contact the MA/RA administrator to report these discrepancies and to request a correction.

**Part 2: Liaison**

# External Liaison Officers

ISO/IEC JTC1/SC 24/WG 8 recommends the appointment of the following external liaison officers:

|  |  |  |
| --- | --- | --- |
| **Representative** | **Liaison to** | **Topic** |
| Richard Puk | SEDRIS Organization | SEDRIS technology |
| Chris Body  | TC 211 | SEDRIS technology |
| Kevin Trott  | OGC | SEDRIS technology |
| Rob Cox | Digital Geographic Information Working Group (DGIWG) | SEDRIS technology |
| Louis Hembree | International Hydrographic Organization (IHO) | SEDRIS technology |
| Craig RollinsPaul BernerKevin Trott  | International Astronomical Union/International Association of Geodesy (IAU/IAG) Working Group on Cartographic Coordinates and Rotational Elements of the Planets and Satellites | Spatial referencing |
| Tim GiffordRoy Scrudder | Simulation Interoperability Standards Organization (SISO) | SEDRIS technology |
| Jack Cogman | NATO Modelling and Simulation Group (NMSG) | SEDRIS technology |
| Craig RollinsPaul BernerFarid Mamaghani | ISO Geodetic Registry Network | Spatial referencing |

Part 3: Administration

#  Appointment of Editors

 ISO/IEC JTC1/SC 24/WG 8 recommends the following;

|  |  |  |
| --- | --- | --- |
| **Document No.** | **Document Title** | **Editor** |
| 18023-1 | SEDRIS Functional Specification | **Puk,**Mamaghani**,**Worley |
| 18023-2 | SEDRIS Transmittal Format | **Puk** |
| 18023-3 | SEDRIS Transmittal Format – Binary Encoding | **Puk** |
| 18024-4 | SEDRIS Language Binding Part 4 : C | **Puk** Worley |
| 18025 | Environmental Data Coding Specification (EDCS) | **Cox,** Hembree, Worley |
| 18026 | Spatial Reference Model (SRM) | **Berner,** Trott |
| 18041-4 | EDCS Language Bindings, Part 4: C | **Puk** Worley |
| 18042-4 | SRM Language Bindings, Part 4: C | **Puk** Worley |
| 9973 | Procedure for registration of items | **Puk,** Mamaghani |

#  Appointment of Rapporteurs for Sections of the Register

ISO/IEC JTC 1/SC 24/WG 8 re-appoints Dr. Paul Berner to be the Rapporteur for the SRM.

ISO/IEC JTC 1/SC 24/WG 8 re-appoints Mr. Youngsoo Kwon as the Rapporteur for the DRM. (TBC)

ISO/IEC JTC 1/SC 24/WG 8 re-appoints Mr. Farid Mamaghani to be the Rapporteur for the EDCS.

#  Future Meetings

ISO/IEC JTC1/SC 24/WG 8 informs SC 24 it has not planned any face-to-face meetings as a Working Group before next year’s SC 24 Plenary. However, communication within the Working Group will continue by means of e-mail, teleconferences and web-conferences.

|  |  |  |
| --- | --- | --- |
| Meeting | Date | Venue |
| WG 8 Working Session and Plenary | 22-26 August 2016 | Beijing, China |
| Editing meetings | As required | Web conference |

#  Thanks to Organizers

ISO/IEC JTC1/SC 24/WG 8 thanks Dr. Charles Whitlock (BSI) for his outstanding service as the SC 24 Secretariat. ISO/IEC JTC1/SC 24/WG 8 thanks Dr. Jack Cogman for organizing the SC 24 meetings at the BSI, London, and for arranging a very enjoyable social event and dinner on Wednesday evening. ISO/IEC JTC1/SC 24/WG 8 thanks the BSI and its staff for providing excellent facilities for the smooth running meetings.