

Our ref.: DIH

Date: 2008-07-22

## **Secretariat of ISO/IEC JTC 1/SC 24**

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

Title: New work item (NP): Amendment to ISO/IEC 18025: 2005 EDCS (18025 Amd.1)

Source: EDCS Editors

Replaces: --

Document Type: Text for NP ballot

Project: 18025

Status: This document is circulated to SC24 P-members for ballot in accordance with Resolution 11 (Monterey 2008).

Action ID: For ballot. Please use the electronic committee balloting application.

Due Date: 2008-10-22

Distribution: P, O, L, Members  
Secretariat JTC 1, ITTF, SC 24 Chairman and WG Convenors

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## New Work Item Proposal

10 July 2008

### PROPOSAL FOR A NEW WORK ITEM

Date of presentation of proposal: 2008-07-22	Proposer: ISO/IEC JTC 1/SC 24/WG8
Secretariat: BSI	ISO/IEC JTC 1 N XXXX ISO/IEC JTC 1/SC 24 N 3079

**A proposal for a new work item** shall be submitted to the secretariat of ISO/IEC JTC 1/SC 24, with a copy to the ISO Central Secretariat.

**Presentation of the proposal** - to be completed by the proposer.

<p><b>Title</b></p> <p>Amendments to ISO/IEC 18025:2005 (E), Environmental Data Coding Specification (EDCS).</p>
<p><b>Scope</b></p> <p>The primary new work to be addressed is an amendment to ISO/IEC 18025:2005(E), Environmental Data Coding Specification (EDCS).</p> <p>The work to amend the EDCS includes the following:</p> <ol style="list-style-type: none"><li>1) Modify Clause 10 to allow for the registration of normative and non-normative references without the registration of a new EDCS dictionary entry.</li><li>2) Modify Clause 10 to revise the guidelines for using abbreviations.</li><li>3) Modify Annex F.2 to clarify the meaning of change and define how changes to EDCS dictionary entry definitions are to be submitted.</li><li>4) Modify Annex I to improve registration forms and to add forms for the registration of acronyms and abbreviations.</li><li>5) Editorial improvements in wording, figures, and formatting. Several instances that could be improved have been identified.</li><li>6) Modify all clauses that are impacted by the addition of figures/images, including clauses 4, 5 and 6, and Annex A to allow figures/images to be incorporated into concept entries. Clause 10 and Annex I will also be modified to include the registration of figures/images.</li><li>7) Incorporate the registered items into the standard.</li></ol> <p>For ISO/IEC 18041-4:2007(E) EDCS Language Bindings: Part 4: C Amendment #1, make any changes necessitated by those made in the amendment to ISO/IEC 18025, Environmental Data Coding Specification (EDCS).</p> <p>Other improvements to the above standards that may be identified by JTC1/SC24/WG8 during the development of this work item.</p>

### **Purpose and justification**

- 1) There is currently no means to register a new reference without registering a new concept or a means to remove an existing reference. There needs to be an ability to register a new reference, remove an existing reference if need be, and to indicate the concepts to which the new reference is to be applied. When a new reference of equal or better authority and quality is found that also imposes fewer restrictions than the current reference (such as not requiring a fee or a valid time period), the existing reference can be replaced. Appendix I will need to be modified.
- 2) Revise the guidelines for the use of abbreviations and add examples.
- 3) Clarify the meaning of “change” in Annex F.2. Currently a definition cannot be changed for any reason without deprecating the concept and adding a new concept with a different label. The definition of what constitutes a change will be modified to allow changes that are non-substantive and do not change the semantics or technical meaning of the entry. The guidelines will be modified accordingly.
- 4) Modify Annex I forms to include fields for Purpose (new, clarification, or replace previous) and to add forms for the registration of acronyms and abbreviations. Currently no formal method is available for registration of acronyms and abbreviations.
- 5) Editorial improvements are needed in ISO/IEC 18025:2005(E) to make the intent of the existing text more clear as well as formatting consistency. These improvements do not change the technical intent of the standard, and many of these were identified prior to the publication of the ISO/IEC 18025. However, due to timing of the publication process, these could not be included in the published standard, and were deferred for inclusion with a future amendment to the standard.
- 6) A need has been identified to be able to include figures/images in the concept entries. Figures/images will reinforce the definition and/or serve as an example of the concept. The Clause 10 registration procedures and Annex I forms need to be modified to allow the registration of figures/images in conjunction with the registration of new concepts or to allow the registration of a figures/images for an existing concept. The format of the concept table entries, and the corresponding table presentations in the registry, will have to be modified to allow the inclusion of figures/images
- 7) The concepts that have been registered with the registry need to be incorporated into ISO/IEC 18025:2005 (E). Clause 9 will need to be modified to include the new concepts

**Programme of work**

If the proposed new work item is approved, which of the following document(s) is (are) expected to be developed?

a single International Standard

more than one International Standard (expected number: ..... )

a multi-part International Standard consisting of ..... parts

an amendment or amendments to the following International Standard(s): ISO/IEC 18025:2005(E); and ISO/IEC 18041-4:2005 (E), EDCS Language Bindings: Part 4: C

a technical report , type .....

And which standard development track is recommended for the approved new work item?

a. Default Timeframe

b. Accelerated Timeframe

c. Extended Timeframe

**Relevant documents to be considered**

ISO 19110 (Methodology for feature cataloguing)

**Co-operation and liaison**

The SEDRIS Organization, ISO TC211 and DGIWG

**Preparatory work offered with target date(s)**

SC 24 is prepared to undertake the preparatory work required for this new work item. This project begins at level 3 for all the standards to be amended. The schedule for the EDCS amendment is as follows:

PDAM ballot	FPDAM ballot	FDAM ballot	Amendment publication
November 2008	March 2009	Sept 2009	December 2009

**Signature:**

Will the service of a maintenance agency or registration authority be required .....Yes.....

- If yes, have you identified a potential candidate? .....Yes.....
- If yes, indicate name ..ISO Live Link..

Are there any known requirements for coding? .....No.....

- If yes, please specify on a separate page

Does the proposed standard concern known patented items? .....No.....

- If yes, please provide full information in an annex

Are there any known accessibility requirements and/or dependencies?....No.....

- If yes, please specify on a separate page.

Are there any known requirements for cultural and linguistic adaptability?.....No...

- If yes, please specify on a separate page.

**Comments and recommendations of the JTC 1 or SC 24 Secretariat** - attach a separate page as an annex, if necessary

**Comments with respect to the proposal in general, and recommendations thereon:**  
 It is proposed to assign this new item to JTC 1/SC 24

**Voting on the proposal** - Each P-member of the ISO/IEC joint technical committee has an obligation to vote within the time limits laid down (normally three months after the date of circulation).

<b>Date of circulation:</b> 2008-07-22	<b>Closing date for voting:</b> 2008-10-22	<b>Signature of Secretary:</b> David Hyde
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<b>NEW WORK ITEM PROPOSAL - PROJECT ACCEPTANCE CRITERIA</b>		
<b>Criterion</b>	<b>Validity</b>	<b>Explanation</b>

<b>A. Business Requirement</b>		
<b>A.1 Market Requirement</b>	Essential <input checked="" type="checkbox"/> Desirable ___ Supportive ___	The implementations of the EDCS are an essential component of several IT applications currently in use. The proposed amendment items are essential to the successful operation of those applications.
<b>A.2 Regulatory Context</b>	Essential ___ Desirable ___ Supportive ___ Not Relevant <input checked="" type="checkbox"/>	
<b>B. Related Work</b>		
<b>B.1 Completion/Maintenance of current standards</b>	Yes <input checked="" type="checkbox"/> No ___	ISO/IEC 18025:2005(E)  ISO/IEC 118041-4:2005(E)
<b>B.2 Commitment to other organisation</b>	Yes <input checked="" type="checkbox"/> No ___	The SEDRIS Organization
<b>B.3 Other Source of standards</b>	Yes ___ No <input checked="" type="checkbox"/>	
<b>C. Technical Status</b>		

<b>C.1 Mature Technology</b>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	The technology is mature. Failing to include these proposed amended items in the original standard was an oversight.
<b>C.2 Prospective Technology</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>C.3 Models/Tools</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>D. Conformity Assessment and Interoperability</b>		
<b>D.1 Conformity Assessment</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>D.2 Interoperability</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>E. Adaptability to Culture, Language, Human Functioning and Context of Use</b>		
<b>E.1. Cultural and Linguistic Adaptability</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>E.2. Adaptability to Human Functioning and Context of Use</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>F. Other Justification</b>		