L2/05-282

ISO/IEC JTC 1/SC 2
Coded Character Sets
Secretariat: Japan (JISC)

DOC. TYPE	Officer's Contribution
TITLE	Proposal for ISO/IEC 14651 Second Edition
SOURCE	Mr. Alain LaBonte, Project Editor of ISO/IEC 14651
PROJECT	JTC1.02.14651
STATUS	This proposal will be considered at the next SC 2 Plenary meeting.
ACTION ID	ACT
DUE DATE	
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New Work Item Proposal

September 2005

PROPOSAL FOR A NEW WORK ITEM

Date of presentation of proposal: 2005-09-16	Proposer: JTC 1/SC 2
Secretariat: JISC National Body: Japan	**ISO/IEC JTC 1 N** ISO/IEC JTC 1/SC 2 N 3813

A proposal for a new work item shall be submitted to the secretariat of the ISO/IEC joint technical committee concerned with a copy to the ISO Central Secretariat.

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

Title ISO/IEC 14651, Information technology -- International string ordering and comparison -- Method for comparing character strings and description of the common template tailorable ordering – Second Edition
Scope (and field of application) This project will reissue a consolidated edition of ISO/IEC 14651 edition 1 plus its three first amendments (which was synchronized with the repertoire of ISO/IEC 10646:2003 and its amendment 1) and incorporate in addition an updated international common template table, to align it with the combined character repertoires of ISO/IEC 10646:2003 and its amendments 1 and 2.
Purpose and justification The ongoing development of the universal, multi-octet-coded character set makes the development of the String Ordering Standard mandatory.
Programme of work If the proposed new work item is approved, which of the following document(s) is (are) expected to be developed? _X_ 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) .... ____ a technical report , type .... And which standard development track is recommended for the approved new work item? _X_a. Default Timeframe ____b. Accelerated Timeframe ____c. Extended Timeframe
Relevant documents to be considered FPDAM 3 is being concurrently balloted. FDAM3 will be balloted (and AMD3 published) at about the same time the 1st draft of the Second Edition will start to circulate.
Co-operation and liaison
Preparatory work offered with target date(s) CD: 2006-06-15, FCD: 2006-12-15, FDIS: 2007-06-15
Signature: Alain LaBonté Project Editor, ISO/IEC 14651

Will the service of a maintenance agency or registration authority be required? .....No.................
- If yes, have you identified a potential candidate? ....
- If yes, indicate name ....

Are there any known requirements for coding? .... .No additional requirement..............
-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

Does the proposed standard concern cultural and linguistic adaptability? Yes, it does have provision for adapting the collating sequence of the universal character set to any language of the world, while preserving reasonably good culturally correct sorting for all other writing systems.

Comments and recommendations of the JTC 1 or SC XX 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 2

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).

Date of circulation:	Closing date for voting:	Signature of Secretary: Toshiko KIMURA Secretariat, ISO/IEC JTC 1/SC 2

NEW WORK ITEM PROPOSAL - **PROJECT ACCEPTANCE CRITERIA**		
Criterion	**Validity**	**Explanation**
A. Business Requirement		
A.1 Market Requirement	Essential _X_ Desirable ___ Supportive ___	
A.2 Regulatory Context	Essential ___ Desirable ___ Supportive ___ Not Relevant _X_	
B. Related Work		
B.1 Completion/Maintenance of current standards	Yes _X__ No___	

B.2 Commitment to other organisation	Yes _X__ No___	Unicode Consortium is harmonizing its UCA with ISO/IEC 14651 amendments, which need to be published in a timely fashion to take into account ISO/IEC 10646 progression, also harmonized with Unicode.
B.3 Other Source of standards	Yes _X__ No___	
C. Technical Status		
C.1 Mature Technology	Yes _X_ No___	
C.2 Prospective Technology	Yes ___ No_X__	
C.3 Models/Tools	Yes ___ No_X__	
D. Conformity Assessment and Interoperability		
D.1 Conformity Assessment	Yes ___ No_X__	
D.2 Interoperability	Yes _X__ No___	
E. Cultural and Linguistic Adaptability	**Yes_X__** **No_____**	The project is at the heart of CLA. Conformance to ISO/IEC 14651 requires the declaration of a delta (in general a national delta encompassing differences with the template sort table) whose main goal is to adapt text sorting to the culture and language of a given environment. This amendment has provisions for sorting new languages and writing systems not included in previous editions.
F. Other Justification		

Notes to Proforma

A. Business Relevance. That which identifies market place relevance in terms of what problem is being solved and or need being addressed.

A.1 Market Requirement. When submitting a NP, the proposer shall identify the nature of the Market Requirement, assessing the extent to which it is essential, desirable or merely supportive of some other project.

A.2 Technical Regulation. If a Regulatory requirement is deemed to exist - e.g. for an area of public concern e.g. Information Security, Data protection, potentially leading to regulatory/public interest action based on the use of this voluntary international standard - the proposer shall identify this here.

B. Related Work. Aspects of the relationship of this NP to other areas of standardisation work shall be identified in this section.

B.1 Competition/Maintenance. If this NP is concerned with completing or maintaining existing standards, those concerned shall be identified here.

B.2 External Commitment. Groups, bodies, or fora external to JTC 1 to which a commitment has been made by JTC for Co-operation and or collaboration on this NP shall be identified here.

B.3 External Std/Specification. If other activities creating standards or specifications in this topic area are known to exist or be planned, and which might be available to JTC 1 as PAS, they shall be identified here.

C. Technical Status. The proposer shall indicate here an assessment of the extent to which the proposed standard is supported by current technology.

C.1 Mature Technology. Indicate here the extent to which the technology is reasonably stable and ripe for standardisation.

C.2 Prospective Technology. If the NP is anticipatory in nature based on expected or forecasted need, this shall be indicated here.

C.3 Models/Tools. If the NP relates to the creation of supportive reference models or tools, this shall be indicated here.

D. Conformity Assessment and Interoperability

D.1 Indicate here if Conformity Assessment is relevant to your project. If so, indicate how it is addressed in your project plan.

D.2 Indicate here if Interoperability is relevant to your project. If so, indicate how it is addressed in your project plan

E. Cultural and Linguistic Adaptability Indicate here if cultural and linguistic adaptability is applicable to your project. If so, indicate how it is addressed in your project plan.

F. Other Justification Any other aspects of background information justifying this NP shall be indicated here