**ISO/IEC JTC 1
Information Technology**

Document Type:	**New Work Item Proposal**
Document Title:	**ISO/IEC 14776-372: Information technology – SCSI Enclosure Services – 2 (SES-2)**
Document Source:	**SC 25**
Reference:	
Document Status:	**This document is circulated to JTC 1 National Bodies for concurrent review. If the JTC 1 Secretariat receives no objections to this proposal by the due date indicated, we will so inform the SC 25 Secretariat**
Action ID:	**Act**
Due Date:	**2009-11-10**
No. of Pages:	**5**

PROPOSAL FOR A NEW WORK ITEM   **Pages 103**

Date of presentation of proposal: 2009-08-05	Proposer: ISO/IEC JTC 1/SC 25
Secretariat: Germany DIN	**ISO/IEC JTC 1 N** 9XXX ISO/IEC JTC 1/SC 25 N 1676

A proposal for a new work item shall be submitted to the secretariat of the Subcommittee of the ISO/IEC joint technical committee concerned with a copy to the Secretariat of ISO/IEC/JTC 1 and the ISO Central Secretariat.

Presentation of the proposal - to be completed by the proposer. Guidelines for proposing and justifying a new work item are given in ISO Guide 26.

Title: ISO/IEC 14776-372: Information technology - SCSI Enclosure Services - 2 (SES-2)
Scope - This standard documents the commands and parameters necessary to manage and sense the state of the power supplies, cooling devices, displays, indicators, individual drives, and other non-SCSI elements installed in an enclosure. The command set uses the SCSI SEND DIAGNOSTIC and RECEIVE DIAGNOSTIC RESULTS commands to obtain configuration information for the enclosure and to set and sense standard bits for each type of element that may be installed in the enclosure.
Purpose and justification – This standard describes a model for Small Computer System Interface (SCSI) access to services within an enclosure containing one or more SCSI devices. A SCSI command set is defined for managing various non-SCSI elements contained within the enclosure.
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? ____a. Default Timeframe __X_b. Accelerated Timeframe ____c. Extended Timeframe
Relevant documents to be considered: INCITS 448-2008
Co-operation and liaison
Preparatory work offered with target date(s): 2009-09-01
Signature: Dr Walter von Pattay, Secretary of the ISO/IEC JTC 1/SC 25

Secretary - ISO/IEC JTC 1 / SC 25 - Dr.-Ing. Walter P. von Pattay
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Will the service of a maintenance agency or registration authority be required? .... - If yes, have you identified a potential candidate? ...... NO ...... - If yes, indicate name	
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	

Comments and recommendations of the JTC 1/SC 25 Secretariat -
If applicable: In accordance with Resolution SC 25:16/ 20, see SC 25 N 1099A, the acceptance of this NWIP authorizes passing to FCD stage the attached text that is an existing national or regional standard in the domain of WG 4.

Comments with respect to the proposal in general, and recommendations thereon: It is proposed to assign this new item to JTC 1/SC 25. Project number: 1.25.13.11.22

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).

The vote shall be sent to the Secretary of ISO/IEC JTC 1 / SC 25 - Dr.-Ing. Walter P. von Pattay, Member of ZVEI FV 7 & FV 8, Germany,
Tel.: +49/89/923 967 57, Tfx.: +49/89/923 967 59 (on request only), **EM: Walter@Pattay.com**

Date of circulation: 2009-08-10	Closing date for voting: 2010-01-11	Signature of Secretary: Dr. Walter P. von Pattay

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 ___ No___X	
B.2 Commitment to other organisation	Yes ___ No___X	
B.3 Other Source of standards	Yes ___ No___X	
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 ___ No___X	
E. Adaptability to Culture, Language, Human Functioning and Context of Use		
E.1 Cultural and Linguistic Adaptability	Yes_____ No__X__	**Not applicable**
E.2 Adaptability to Human Functioning and Context of Use	Yes_____ No__X__	**Not applicable**
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. **Adaptability to Culture, Language, Human Functioning and Context of Use**

NOTE: The following criteria do not mandate any feature for adaptability to culture, language, human functioning or context of use. The following criteria require that if any features are provided for adapting to culture, language, human functioning or context of use by the new Work Item proposal, then the proposer is required to identify these features.

E.1 Cultural and Linguistic Adaptability. Indicate here if cultural and natural language adaptability is applicable to your project. If so, indicate how it is addressed in your project plan.

ISO/IEC TR 19764 (Guidelines, methodology, and reference criteria for cultural and linguistic adaptability in information technology products) now defines it in a simplified way:

"ability for a product, while keeping its portability and interoperability properties, to:

- be internationalized, that is, be adapted to the special characteristics of natural languages and the commonly accepted rules for their se, or of cultures in a given geographical region;

- take into account the usual needs of any category of users, with the exception of specific needs related to physical constraints"

Examples of characteristics of natural languages are: national characters and associated elements (such as hyphens, dashes, and punctuation marks), writing systems, correct transformation of characters, dates and measures, sorting and searching rules, coding of national entities (such as country and currency codes), presentation of telephone numbers and keyboard layouts. Related terms are localization, jurisdiction and multilingualism.

E.2 Adaptability to Human Functioning and Context of Use. Indicate here whether the proposed standard takes into account diverse human functioning and diverse contexts of use. If so, indicate how it is addressed in your project plan.

NOTE:

1. Human functioning is defined by the World Health Organization at
    http://www3.who.int/icf/beginners/bg.pdf as:
    <<In ICF (*International Classification of Functioning, Disability and Health), the term functioning refers to all body functions, activities and participation.*>>

2. Content of use is defined in ISO 9241-11:1998 (*Ergonomic requirements for office work with visual display terminals (VDTs) – Part 11: Guidance on usability) as:*
    <<*Users, tasks, equipment (hardware, software and materials), and the physical and societal environments in which a product is used.*>>

3. Guidance for Standard Developers to address the needs of older persons and persons with disabilities).

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