ISO/IEC JTC1/SC7 N2901R

2003-07-23

Doc. Type	NP Ballot
Title	New Proposal for the revision of ISO/IEC 16085 - Software Engineering – Software Life Cycle Processes—Risk Management
Source	US NB
Project	16085
Status	NP
References	N2834, N2899, Resolution 717.
Action ID	ACT
Due Date	2003-10-23
Mailing Date	2002-07-23; Cover page revised and document completed 2003-08-12
Distribution	SC7_AG; JTC1 Sec.; P, O & L Members
Medium	PDF
No. of Pages	6
Note	This NP Ballot is circulated as per SC7 Resolution 717. Base document is N2899. **This ballot is also sent to JTC1 for a parallel endorsement balltot, as per new directives. Member Bodies must use the form**

VOTE ON A PROPOSED NEW WORK ITEM   ISO/IEC JTC 1/SC7 N2901

Date of Circulation of NP: **2003-07-23**

Date of Ballot Close: **2003-10-23**

Please return all votes and comments directly to the JTC 1/SC 7 Secretariat (secretariat@jtc1-sc7.org) by the due date indicated.

Proposal for a new work item the revision of ISO/IEC 16085 - Software Engineering – Software Life Cycle Processes—Risk Management

Any proposal to add a new item to the programme of work shall be voted on by correspondence, even if it has appeared in the agenda of a meeting.

A. Vote		YES	NO	Comments
Q.1	Do you accept the proposal in document JTC 1 N XXXX as a sufficient definition of the new work item? (If you have responded "NO" to the above question, you are required to comment.)	____	____	____
Q.2	Do you support the addition of the new work item to the programme of work of the joint technical committee?	____	____	____
B. Participation				
Q.3	Do you commit yourself to participate in the development of this new work item?	____	____	____
Q.4	Are you able to offer a project editor who will dedicate his/her efforts to the advancement and maintenance of this project? (If "YES," please identify ....)	____	____	____
C. Documentation				
Q.5	Do you have a major contribution or a reference document ready for submittal?	____	____	____
Q.6	Will you have such a contribution in ninety days?	____	____	____

P-member Voting:	Date:	Submitted by:
National Body _____	_____	Name _____

NOTE: do NOT submit this form when voting by email. Simply type your vote (with comments where applicable) into an email message and send to Secretariat@jtc1-sc7.org.

PROPOSAL FOR A NEW WORK ITEM

Date of presentation of proposal: 2003-07-23	Proposer: ISO/IEC JTC 1/SC 7
Secretariat: Standards Council of Canada (SCC)	ISO/IEC JTC 1/SC7 N2901 ISO/IEC JTC 1 N **XXXX**

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
Guidelines for proposing and justifying a new work item are
given in ISO Guide 26.

Title Software Engineering – Software Life Cycle Processes—Risk Management
Scope (and field of application) This standard describes a process for the management of risk during software acquisition, supply, development, operations, and maintenance. It is intended that both technical and managerial personnel throughout an organization apply this standard.
Purpose and justification – This proposal is offered in response to Resolution 673 of ISO/IEC JTC1/SC7. This project is intended to revise ISO/IEC 16085 (fast-track of IEEE 1540) to address the comments received during the fast-track ballot to produce a coordinated standard adopted by both ISO/IEC JTC1 and IEEE.
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 .... The scope of change in the revision will be restricted to the resolution of the comments received during the fast-track ballot. Those changes are the following: • Align standard with the appropriate definitions from ISO 73. • Always use the full text related to the numbers that refer to figure 1. • Insert a null clause 5.2 with the explanation that clause numbering is structured to conform with the conventions of 12207. • Change outcome and purpose wordings to agree exactly with 12207 Amd 1. • Make any necessary changes to track the harmonization of 12207 and 15288, if clear in a timely manner. • Add a bibliography as an informative annex to reference related documents, including at least IEC 60300-3-9, IEC 61025, IEC 60812, AS 4360. • Describe the relationship of the standard to ISO/IEC 15026 and IEC 61508.

Relevant documents to be considered	**Preparatory work offered with target date(s)**
See above.	IEEE 1540 was approved by fast-track ballot as IS 16085.
Cooperation and liaison This project will be coordinated with the IEEE Computer Society under the terms of	**Signature:** Alain Abran

Clause 4 of a recently approved coordination procedure (see N2743 and N2804).	
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................ -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 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 07

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: 2003-07-23	**Closing date for voting:** 2003-10-23	**Signature of JTC 1 Secretary:** **Alain Abran**

NP Acceptance Criteria

Principle for NP Acceptance:

The existing JTC 1 Directives (cl. 6.2.1.3) require the commitment of five National Bodies; in addition the criteria (proforma) defined in this paper shall also be satisfied.

Assumptions:

o That the proposed NP acceptance criteria be applied at the initialization and the approval stages.

o That in accordance with existing procedures NP's may be initiated by SC's and or NB's.

o That SC's shall have a business plan which defines and justifies their work program.

o That NP's shall fall within the scope of the JTC 1 Business Plan and where applicable the SC Business Plan.

o That when a NP is initiated the proposer shall, in addition to existing requirements, complete the new proforma and submit it along with the NP. This proforma shall be circulated along with the NP ballot.

o That NB's during the balloting stage understand that in case of serious doubt, giving a firm negative vote would be helpful to ensure relevance and utilization of critical resources within JTC1.

o That JTC 1 provide input and direction to emphasize these criteria as a new approach for NP planning and NB balloting.

o That the JTC 1 secretariat engage in modification to the JTC 1 procedures related to NP's and their balloting.

NB Procedure for NP Ballot:

The following proforma is proposed for providing evaluation criteria for NP acceptance.

The procedure for NB determination of a NP ballot remains as in the existing procedure at the NB level. There is now with this proposed proforma additional information which provides raw intelligence to aid NB's in their determination. The NB's when responding to the NP shall, where possible, relate any comments to the criteria assessments made by the proposer on the Proforma.

NEW WORK ITEM PROPOSAL - PROJECT ACCEPTANCE CRITERIA		
Criterion	**Validity**	**Explanation**
A Business Requirement		
A.1 Market Requirement	Essential ___ Desirable _X__ Supportive ___	A risk management process standard augments the existing 12207.
A.2 Regulatory Context	Essential ___ Desirable ___ Supportive _X__ Not Relevant ___	Regulators typically have their own risk management techniques but it is helpful to provide and international standard as a reference.
B. Related Work		
B.1 Completion/Maintence of current standards	Yes _X__ No___	The project fulfills the purpose and outcomes provided by the recently approved 12207 Amd 1.
B.2 Commitment to other organization	Yes _X__ No___	IEEE CS will cooperate.
B.3 Other Source of standards	Yes _X__ No___	The existing ISO/IEC 16085 is the fast-track adoption of IEEE 1540.
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. 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 standardization 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 JTC1 to which a commitment has been made by JTC for cooperation 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 JTC1 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 standardization.

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. Any other aspects of background information justifying this NP 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.