

ISO/IEC JTC 1 N 9246
ISO/IEC JTC 1
Information Technology

2008-08-15

Document Type: Proposed NP

Document Title: SC 31 Proposal for a New Work Item, Information technology — Radio frequency identification device conformance test methods — Part 6: Test methods for air interface communications at 860 MHz to 960 MHz

Document Source: SC 31 Secretariat

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 31 Secretariat.

Action ID: ACT

Due Date: 2008-11-15

No. of Pages: 6

ISO/IEC JTC 1/SC 31

Automatic Identification and Data Capture Techniques

Secretariat: ANSI (USA)

DOC TYPE: New Work Item Proposal

TITLE: ISO/IEC NP 18047-6.2, "Information technology -- Radio frequency identification device conformance test methods -- Part 6: Test methods for air interface communications at 860 MHz to 960 MHz"

SOURCE: National Body of Austria

PROJECT: 18047-6.1

STATUS: Second Revision. P-Members have an obligation to vote and are requested to cast votes on the SC 31 website (LiveLink balloting system) by the date indicated on the cover page.

ACTION ID: COM

DUE DATE: 2008-08-05

DISTRIBUTION: ISO/IEC JTC 1/SC 31 members

MEDIUM: ISO TC Portal (LiveLink)

NO. OF PAGES: 5 (including this cover)

New Work Item Proposal

May 2008

PROPOSAL FOR A NEW WORK ITEM

Date of presentation of proposal: 2008-05-05	Proposer: Austria (ONORM)
Secretariat: ANSI USA	ISO/IEC JTC 1 N xxxx SC031-N-2512

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 TR 18047-6 Information technology — Radio frequency identification device conformance test methods — Part 6: Test methods for air interface communications at 860 MHz to 960 MHz
Scope This Technical Report defines test methods for determining the conformance of radio frequency identification devices (Tags and interrogators) for item management with the specifications given in the ISO/IEC TR 18047-6, but does not apply to the testing of conformity with regulatory or similar requirements
Purpose and justification The need for a REVISION of ISO/IEC TR 18047-6 arises from the extension of the base standard ISO/IEC 18000-6 by new chapters on battery-assist and sensor technology that also needs to be reflected in the conformance standard ISO/IEC TR 18047-6
Programme of work If the proposed new work item is approved, which of the following document(s) is (are) expected to be developed? <input type="checkbox"/> a single International Standard <input type="checkbox"/> more than one International Standard (expected number:) <input type="checkbox"/> a multi-part International Standard consisting of parts <input type="checkbox"/> an amendment or amendments to the following International Standard(s) <input checked="" type="checkbox"/> a technical report , type 2 - REVISION And which standard development track is recommended for the approved new work item? <input checked="" type="checkbox"/> a. Default Timeframe <input type="checkbox"/> b. Accelerated Timeframe <input type="checkbox"/> c. Extended Timeframe
Relevant documents to be considered ISO/IEC TR 18047-6, ISO/IEC 18000-6, ISO/IEC 18046
Co-operation and liaison SC31 WG4/SG3
Preparatory work offered with target date(s) ISO/IEC TR 18047-6:2007 is available as input
Signature: Ray Delnicki, ISO/IEC JTC 1/SC 31 Secretariat
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 or SC 31 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 31

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: 2008-05-05	Closing date for voting: 2008-08-05	Signature of Secretary: Lisa Rajchel
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NEW WORK ITEM PROPOSAL - PROJECT ACCEPTANCE CRITERIA		
Criterion	Validity	Explanation
A. Business Requirement		
A.1 Market Requirement	Essential <input checked="" type="checkbox"/> Desirable ____ Supportive ____	ISO/IEC 18000-6 is extended with battery-support and sensor functionality, therefore there is the need to also extend the conformance standard with tests for this Type
A.2 Regulatory Context	Essential ____ Desirable ____ Supportive <input checked="" type="checkbox"/> Not Relevant ____	May assist in demonstrating conformity with regulatory requirements for equipment.
B. Related Work		
B.1 Completion/Maintenance of current standards	Yes <input checked="" type="checkbox"/> No ____	This Technical Report supplements a suite of standards defining aspects of RFID systems
B.2 Commitment to other organisation	Yes ____ No <input checked="" type="checkbox"/>	
B.3 Other Source of standards	Yes ____ No <input checked="" type="checkbox"/>	
C. Technical Status		

C.1 Mature Technology	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	RFID technology in general, though still developing in some aspects, has become an established technology for automatic identification and data capture and is the subject of an increasing range of standards.
C.2 Prospective Technology	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Conformity assessment is an ongoing requirement within RFID
C.3 Models/Tools	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Conformity assessment is an essential tool for the wider use of RFID technology
D. Conformity Assessment and Interoperability		
D.1 Conformity Assessment	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	The assessment of device conformity with air interface standards in ISO/IEC 18000-6, to ensure satisfactory operation in applications.
D.2 Interoperability	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Demonstration of conformity with ISO/IEC 18000-6 will assist users in selected devices on the basis that they are interoperable in their systems, irrespective of the supplier.
E. Cultural and Linguistic Adaptability	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
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