



NEW WORK ITEM PROPOSAL	
Date of presentation 2011-03-2	Reference number (to be given by the Secretariat)
Proposer JISC	ISO/TC 122 / SC <b>N 559</b>
Secretariat JISC/ISIRI	

A proposal for a new work item within the scope of an existing committee shall be submitted to the secretariat of that committee with a copy to the Central Secretariat and, in the case of a subcommittee, a copy to the secretariat of the parent technical committee. Proposals not within the scope of an existing committee shall be submitted to the secretariat of the ISO Technical Management Board.

The proposer of a new work item may be a member body of ISO, the secretariat itself, another technical committee or subcommittee, or organization in liaison, the Technical Management Board or one of the advisory groups, or the Secretary-General.

The proposal will be circulated to the P-members of the technical committee or subcommittee for voting, and to the O-members for information.

See overleaf for guidance on when to use this form.

**IMPORTANT NOTE: Proposals without adequate justification risk rejection or referral to originator.**

Guidelines for proposing and justifying a new work item are given overleaf.

**Proposal** (to be completed by the proposer)

<b>Title of proposal</b> (in the case of an amendment, revision or a new part of an existing document, show the reference number and current title)	
English title	<b>Application Guideline on Data Carriers for Supply Chain Management</b>
French title (if available)	Directive d'application sur des supports d'informations pour le supply chain management
<b>Scope of proposed project</b>	
The objective of this proposal is to facilitate the use of data carriers in supply chain operations by illustrating the layered structure of supply chain management (SCM) for freight containers, returnable transport items, transport units, product packages, and products, and at the same time define the structure of data storage and the structure of data transmitted from interrogator with respect to linear symbols, two-dimensional symbols and RFID.	
<b>Concerns known patented items</b> (see ISO/IEC Directives Part 1 for important guidance)	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No    If "Yes", provide full information as annex	
<b>Envisaged publication type</b> (indicate one of the following, if possible)	
<input type="checkbox"/> International Standard <input type="checkbox"/> Technical Specification <input type="checkbox"/> Publicly Available Specification <input checked="" type="checkbox"/> Technical Report	
<b>Purpose and justification</b> (attach a separate page as annex, if necessary)	
In supply chain management, a variety of different types of linear symbols, two-dimensional symbols and RFID are used in a mixed form and so special care should be taken in using these symbols, particularly for RFID whose data structure is different from the other data carriers. This application guideline proposed here outlines the basic structure of the various levels in the supply chain in accordance with the related ISO standards. It also describes how to store the data in these data carriers of linear symbols, 2D symbols and RFID, plus shows the structure of data transmitted from the interrogator to the host computer. This is a guidance providing an effective means for a combined use of these data carriers.	
<b>Target date for availability</b> (date by which publication is considered to be necessary) 2013-04-01	
<b>Proposed development track</b> <input checked="" type="checkbox"/> 1 (24 months) <input type="checkbox"/> 2 (36 months - default) <input type="checkbox"/> 3 (48 months)	

<b>Relevant documents to be considered</b> ISO/IEC 15459-1, Information technology – Unique identifiers – Part 1: Unique identifiers for transport units ISO/IEC 15459-2, Information technology – Unique identifiers – Part 2: Registration procedures ISO/IEC 15459-3, Information technology – Unique identifiers – Part 3: Common rules for unique identifiers ISO/IEC 15459-4, Information technology – Unique identifiers – Part 4: Unique identifiers for supply chain management ISO/IEC 15459-5, Information technology – Unique identifiers – Part 5: Unique identifiers for returnable transport items (RTIs) ISO/IEC 15459-6, Information technology – Unique identifiers – Part 6: Unique identifiers for product groupings ISO 17363, Supply chain application of RFID – Freight containers ISO 17364, Supply chain application of RFID – Returnable transport items (RTIs) ISO 17365, Supply chain application of RFID – Transport units ISO 17366, Supply chain application of RFID – Product packaging ISO 17367, Supply chain application of RFID – Product tagging ISO 15394, Packaging – Bar code and two-dimensional symbols for shipping transport and receiving labels ISO 22742, Packaging – Linear bar code and two-dimensional symbols for product packaging ISO 28219, Packaging – Labelling and direct product marking with linear bar code and two-dimensional symbols	
<b>Relationship of project to activities of other international bodies</b> The main purpose of ISO/IEC JTC1 SC31 is to develop general standards for the basic data structure, while ISO TC122 is dedicated to the establishment of application standards of data carriers used in the supply chain industry.	
<b>Liaison organizations</b> ISO/IEC JTC1 SC31	<b>Need for coordination with:</b> <input type="checkbox"/> IEC <input type="checkbox"/> CEN <input type="checkbox"/> Other (please specify)
<b>Preparatory work</b> (at a minimum an outline should be included with the proposal) <input type="checkbox"/> A draft is attached <input checked="" type="checkbox"/> An outline is attached. It is possible to supply a draft by 2011-08-01 The proposer or the proposer's organization is prepared to undertake the preparatory work required <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Proposed Project Leader</b> (name and address) Akira Shibata Denso-wave incorporated 1, Yoshiike, Kusaki, Agui-cho, Chita-gun, Aichi 470-2297 Japan E-mail: akira.shibata@denso-wave.co.jp	<b>Name and signature of the Proposer</b> (include contact information) <b>Japanese Industrial Standards Committee (JISC)</b> E-mail: isojisc@meti.go.jp

**Comments of the TC or SC Secretariat****Supplementary information relating to the proposal**

- ☒ This proposal relates to a new ISO document;
- ☐ This proposal relates to the amendment/revision of an existing ISO document;
- ☐ This proposal relates to the adoption as an active project of an item currently registered as a Preliminary Work Item;
- ☐ This proposal relates to the re-establishment of a cancelled project as an active project.

Other:

**Voting information**

The ballot associated with this proposal comprises a vote on:

- ☒ Adoption of the proposal as a new project
- ☐ Adoption of the associated draft as a committee draft (CD)
- ☐ Adoption of the associated draft for submission for the enquiry vote (DIS or equivalent)

Other:

**Annex(es) are included with this proposal (give details)**☐

Date of circulation	Closing date for voting	Signature of the TC or SC Secretary
2011-03-30	2011-06-30	Akira Shirakura

**Use this form to propose:**

- a) a new ISO document (including a new part to an existing document), or the amendment/revision of an existing ISO document;
- b) the establishment as an active project of a preliminary work item, or the re-establishment of a cancelled project;
- c) the change in the type of an existing document, e.g. conversion of a Technical Specification into an International Standard.

This form is not intended for use to propose an action following a systematic review - use ISO Form 21 for that purpose.

Proposals for correction (i.e. proposals for a Technical Corrigendum) should be submitted in writing directly to the secretariat concerned.

**Guidelines on the completion of a proposal for a new work item**

(see also the ISO/IEC Directives Part 1)

- a) **Title:** Indicate the subject of the proposed new work item.
- b) **Scope:** Give a clear indication of the coverage of the proposed new work item. Indicate, for example, if this is a proposal for a new document, or a proposed change (amendment/revision). It is often helpful to indicate what is not covered (exclusions).
- c) **Envisaged publication type:** Details of the types of ISO deliverable available are given in the ISO/IEC Directives, Part 1 and/or the associated ISO Supplement.
- d) **Purpose and justification:** Give details based on a critical study of the following elements wherever practicable. *Wherever possible reference should be made to information contained in the related TC Business Plan.*
- 1) The specific aims and reason for the standardization activity, with particular emphasis on the aspects of standardization to be covered, the problems it is expected to solve or the difficulties it is intended to overcome.
  - 2) The main interests that might benefit from or be affected by the activity, such as industry, consumers, trade, governments, distributors.
  - 3) Feasibility of the activity: Are there factors that could hinder the successful establishment or global application of the standard?
  - 4) Timeliness of the standard to be produced: Is the technology reasonably stabilized? If not, how much time is likely to be available before advances in technology may render the proposed standard outdated? Is the proposed standard required as a basis for the future development of the technology in question?
  - 5) Urgency of the activity, considering the needs of other fields or organizations. Indicate target date and, when a series of standards is proposed, suggest priorities.
  - 6) The benefits to be gained by the implementation of the proposed standard; alternatively, the loss or disadvantage(s) if no standard is established within a reasonable time. Data such as product volume or value of trade should be included and quantified.
  - 7) If the standardization activity is, or is likely to be, the subject of regulations or to require the harmonization of existing regulations, this should be indicated.

If a series of new work items is proposed having a common purpose and justification, a common proposal may be drafted including all elements to be clarified and enumerating the titles and scopes of each individual item.

e) **Relevant documents and their effects on global relevancy:** List any known relevant documents (such as standards and regulations), regardless of their source. When the proposer considers that an existing well-established document may be acceptable as a standard (with or without amendment), indicate this with appropriate justification and attach a copy to the proposal.

f) **Cooperation and liaison:** List relevant organizations or bodies with which cooperation and liaison should exist.