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INTERNATIONAL STANDARD

ISO/IEC 17549-2

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Information technology — User interface guidelines on menu navigation —

Part 2: Navigation with 4-direction devices

Technologies de l'information — Directives sur la navigation dans les menus d'interfaces utilisateurs —

Partie 2: Navigation avec des commandes quadridirectionnelles

withdrawn

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: Foreword — Supplementary information.

The committee responsible for this document is ISO/IEC JTC 1, *Information technology*, Subcommittee SC 35, *User interfaces*.

ISO/IEC 17549 consists of the following parts, under the general title *Information technology — User interface guidelines on menu navigation*:

— *Part 2: Navigation with 4-direction devices*

The following part is planned:

— *Part 1: Framework and convergence matters*

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Introduction

Contemporary information equipment on which the display area is associated with 4-direction devices includes sophisticated and complex functionalities within one piece of such equipment.

The equipment needs to be operated in terms of changing default settings and to be customised for individual user. In such scenario, a 4-direction device is used to navigate menu shown in the display area, where the menu are normally structured.

This part of ISO/IEC 17549 intends to provide guidelines for design and use of menu structures, as well as recommended types of navigation with the 4-direction devices.

Note that each figure in this document, although it is not always “image”, includes the alternative text(s) in accordance with ISO/IEC/TS 20071-11. The alternative text(s) are information only.

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Information technology — User interface guidelines on menu navigation —

Part 2:
Navigation with 4-direction devices

1 Scope

This part of ISO/IEC 17549 gives guidelines on the design of navigation methods for selection menus with use of a 4-direction device. A 4-direction key is an example of a 4-direction device. The guidelines are applicable to any information equipment on which the display area is associated with the 4-direction device.

This part of ISO/IEC 17549 also provides recommendations for parameters for display screen settings, character sets, and languages in use.

This part of ISO/IEC 17549 is not applicable to safety-related uses on menu navigation.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 1503, *Spatial orientation and direction of movement — Ergonomic requirements*

ISO/IEC Guide 37, *Instructions for use of products by consumers.*

IEC 82079-1, *Preparation of instructions for use — Structuring, content and presentation — Part 1: General principles and detailed requirements.*

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