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**Information technology – Small computer system interface (SCSI) –
Part 326: Reduced block commands (RBC)**



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INFORMATION TECHNOLOGY – SMALL COMPUTER SYSTEM INTERFACE (SCSI) –

Part 326: Reduced Block Commands (RBC)

FOREWORD

- 1) ISO (International Organization for Standardization) and IEC (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.
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- 3) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

International Standard ISO/IEC 14776-326 was prepared by subcommittee 25: Interconnection of information technology equipment, of ISO/IEC joint technical committee 1: Information technology.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The contents of the corrigendum of November 2009 have been included in this copy.

INTRODUCTION

This part of ISO/IEC 14776 specifies the functional requirements for the SCSI Reduced Block Command set (RBC). RBC permits SCSI block logical units, such as flexible disks, rigid disks, optical disks, etc., to be attached to computers, and it provides the definition for their use.

The Reduced Block Command set is designed to provide very efficient initiator-to-device operation of input/output logical units by an operating system.

Annex A contains an implementation guide for RBC devices using SBP-2.

WITHDRAWN

INFORMATION TECHNOLOGY – SMALL COMPUTER SYSTEM INTERFACE (SCSI) –

Part 326: Reduced Block Commands (RBC)

1 Scope

This part of ISO/IEC 14776 defines a Reduced Block Command set for logical block devices. The Reduced Block Commands, along with the required SPC-2 commands and their restrictions described in this standard, fully specify the complete command set for RBC logical block devices.

The purpose of this standard is to provide a command set of reduced requirements and options from SCSI Block Commands (SBC) for block devices (see ISO/IEC 14776-321). The reduced command set is intended to more closely match the functionality required for simple block logical units. The specified commands place no restrictions on device performance. The basic focus of this command set is to enable the command and control of rigid disks and removable media devices attached to Serial Bus and utilizing SCSI Serial Bus Protocol 2 (SBP-2) (ISO/IEC 14776-232).

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document, including any amendments, applies.

The provisions of the referenced specifications other than ISO/IEC, IEC, ISO and ITU documents, as identified in this clause, are valid within the context of this International Standard. The reference to such a specification within this International Standard does not give it any further status within ISO or IEC. In particular, it does not give the referenced specification the status of an International Standard.

ISO/IEC 13213:1994, *Information technology – Microprocessor systems – Control and status register (CSR) architecture for microcomputer buses*

ISO/IEC 14776-232:2001, *Information technology – Small Computer System Interface (SCSI) – Part 232: Serial Bus Protocol-2 (SBP-2)*

ISO/IEC 14776-321:2002, *Information technology – Small Computer System Interface-3 (SCSI-3) – Part 321: Block commands (SBC)*

ISO/IEC 14776-362:2006, *Information technology – Small Computer System Interface (SCSI) – Part 362: Multimedia commands-2 (MMC-2)*

ISO/IEC 14776-412:2006, *Information technology – Small Computer System Interface (SCSI) – Part 412: Architecture model-2 (SAM-2)*

ISO/IEC 14776-452:2005, *Information technology – Small Computer System Interface (SCSI) – Part 452: Primary commands-2 (SPC-2)*

IEEE 1394:1995, *High Performance Serial Bus*

IEEE 1394A:2000, *High Performance Serial Bus Amendment 1*