



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

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Reference : LITD 20/T-23315

Date : 30 October 2023

TECHNICAL COMMITTEE : Indian Language Technologies And Products, LITD 20

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Indian Language Technologies And Products Sectional Committee, LITD 20. Please [click here](#) to view the document.

Document Number : LITD 20 (23315) WC

Title of the document : Information Processing Implementation of the 7- Bit Coded Character Set and its 7- Bit and 8-Bit Extensions on 9- Track 127 mm 05 in Magnetic Tape (First Revision)

Document Type : Revision of Indian Standard (IS 11407 : 1986)

This document has following salient features which may require specific attention for your valuable comments:

- 1) ISO 962 is a standard that specifies the implementation of the 7-bit coded character set and its 7-bit and 8-bit extensions on a 9-track 12.7 mm (0.5 in) magnetic tape. The 7-bit coded character set is known as ASCII (American Standard Code for Information Interchange) and is widely used for character encoding in computers and communication systems. The 7-bit extension is an enhancement to the ASCII character set that adds additional control characters and special characters. The 8-bit extension is another enhancement to the ASCII character set that allows for the representation of additional characters beyond the 7-bit range. The use of a 9-track 12.7 mm magnetic tape allows for the storage and transfer of large amounts of data in a compact and portable format.*
- 2) The standard specifies the format and structure of the data on the magnetic tape, including the positioning of records and the encoding scheme used for character representation. ISO 962 is important for ensuring the compatibility and interoperability of systems that use the 7-bit coded character set and its extensions on magnetic tape. The standard*

helps to improve data exchange and information processing efficiency by providing a uniform and standardized method for storing and transmitting data on magnetic tape. ISO 962 is one of many standards developed by the International Organization for Standardization (ISO) to promote compatibility and standardization in various fields, including information technology and communication systems.

Please examine the document and share your comments regarding further improvement in the document.

Last date for sharing the comments is : 30 December 2023

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at litd20@bis.gov.in to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

Yours faithfully,
(ITS ADMIN)
Head (Electronics and Information Technology Department)
Email: litd20@bis.gov.in



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : LITD 20/T-23315

दिनांक : 13-09-2023

तकनीकी समिति : Indian Language Technologies And Products Sectional Committee, LITD 20

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : LITD 20 (23315) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

सम्मतियाँ भेजने की अंतिम तिथि : 30 December 2023

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट www.bis.gov.in पर भी उपलब्ध है/हैं।

धन्यवाद।

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विभाग प्रमुख का नाम : ITS ADMIN
(Electronics and Information Technology Department)
ई-मेल : litd20@bis.gov.in