

# JIS

**JAPANESE INDUSTRIAL STANDARD**

**Basic Mode Data Transmission  
Control Procedures**

**JIS C 6362**—1975

The code number of this standard  
JIS C 6362 changed to the follow-  
ing on 1 March 1987.

**JIS X 5002-1975**

**Translated and Published**

**by**

**Japanese Standards Association**

In the event of any doubt arising,  
the original Standard in Japanese is to be final authority.

Basic Mode Data Transmission Control Procedures X 5002-1975  
(Reaffirmed: 1994)

## 1. General

1.1 Scope This Japanese Industrial Standard specifies control procedures of data transmission using transmission control characters, which are specified by JIS X 0201, through data transmission lines between data terminal or data processing equipments.

1.2 General Principle Concerning Specification The general principle concerning specification is as described below.

- (1) This standard does not specify anything concerning hardware and software to implement the transmission control procedures.
- (2) This standard does not specify anything concerning transmission methods, synchronization methods, and data signalling rates which are used when the transmission control procedures are applied.
- (3) Either the same or different channels may be used to send responses of message or forward supervisory sequences.
- (4) The transmission control procedures specify not only one-way transfer and alternate two-way transfer of information based upon the control by alternate supervision but also two-way simultaneous transfer with alternate supervision.

## 2. Definitions

For the purpose of this standard the following principal definitions, in addition to those specified in JIS X 0001, shall apply:

- (1) message A set of data designed for transmission of information with a well specified head and tail. The message consists of characters or a character sequence which include at least one transmission control character.
- (2) information message A set of data which is the primary object of data transmission. The information message consists of a text which may be preceded by a heading.
- (3) station General term for an equipment which is connected to a data communication network and conducts data transmission, reception, or processing, and for the place where the equipment is located.
- (4) master station The station which has, at an instant, the right to send an information message to slave stations and has the responsibility to faithfully execute the transfer of information.

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### Applicable Standards:

- JIS X 0201-Code for Information Interchange
- JIS X 0001-Glossary of Terms Used in Information Processing
- JIS X 5001-Character Structure on the Transmission Circuits and Horizontal Parity Method
- JIS X 5101-The Interface between Data Circuit Terminating Equipment (DCE) and Data Terminal Equipment (DTE) (25-pin Interface)