

FED-STD-1010
August 11, 1977

FEDERAL STANDARD

TELECOMMUNICATIONS: BIT SEQUENCING OF THE
AMERICAN NATIONAL STANDARD CODE FOR INFORMATION
INTERCHANGE IN SERIAL-BY-BIT DATA TRANSMISSION

This standard is issued by the General Services Administration pursuant to the Federal Property and Administrative Services Act of 1949, as amended, and Public Law 89-306. This standard has also been published as an integral part of Federal Information Processing Standards (FIPS) Publication 16-1. The application of this standard to data processing systems and telecommunication systems is mandatory on all Federal agencies.

1. Scope. This standard specifies the bit sequencing of the American National Standard Code for Information Interchange (ASCII) for serial-by-bit, serial-by-character data transmission.

1.1 Purpose. Federal telecommunication standards are to facilitate interoperability between telecommunication facilities and systems and compatibility of these systems at the computer-communications interface with data processing equipment.

1.2 Application. This standard shall be used by Federal agencies with other Federal Standards or design specifications describing functional, mechanical and procedural characteristics as necessary to achieve interoperability.

2. Reference document. This standard adopts the following American National Standards Institute (ANSI) document:

X3.15-1976 Bit sequencing of the Code for Information Interchange in
Serial-by-bit Data Transmission.

Copies may be obtained from ANSI, Inc., 1430 Broadway, New York, New York 10018. Federal Agencies may obtain copies with FIPS Publication 16-1 from the National Technical Information Service, Document Processing Branch, 5285 Port Royal Road, Springfield, VA 22161.

3. Changes. When a Federal agency considers that this standard does not provide for its essential needs, a statement citing inadequacies shall be sent in duplicate to the General Services Administration, Federal Supply Service, FMH, Washington, DC 20406, in accordance with provisions of Federal Property Management Regulations 41 CFR 101-29.3. The General Services Administration will determine the appropriate action to be taken and will notify the agency.

PREPARING ACTIVITY:

National Communications System (NCS)
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Washington, D.C. 20305

Records of coordination with affected Federal Agencies are maintained by the preparing activity.

This document is available from the General Services Administration (GSA), acting as agent for the Superintendent of Documents. A copy for bidding and contracting purposes is available from GSA Business Services Centers. Copies are for sale at the GSA, Specification Consumer Information Distribution Branch, Building 197 (Washington Navy Yard), Washington, DC 20407 for 25 cents each.

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