

# Federal Telecommunications Recommendation 1062-1997

11 August 1997

## GROUP 3 FACSIMILE APPARATUS FOR DOCUMENT TRANSMISSION

Federal Telecommunications Recommendations (FTR) are issued by the Technology and Standards Division, National Communications System (NCS), after approval by the Federal Telecommunication Standards Committee and the Deputy Manager, NCS, pursuant to Executive Order 12472, NCS Directive 4-1, and Public Law 104-113.

1. **Name of Recommendation.** Group 3 Facsimile Apparatus for Document Transmission.
2. **Category.** Facsimile Terminal Equipment.
3. **Explanation.** This recommendation establishes the machine specifications for Group 3 facsimile apparatus for use over voice band analog circuits. This recommendation is based on ANSI/TIA/EIA-465-A-1995, which replaces EIA RS-465 (FIPS PUB 147).
4. **Approving Authority.** Deputy Manager, National Communications System.
5. **Maintenance Agency.** Technology and Standards Division, National Communications System.
6. **Related Documents.**

Related International Telecommunication Union Recommendations:

- a. T.0. (1988), Classification of Facsimile Apparatus for Document Transmission over Telephone-Type Circuits.
- b. T.4 (1993), Standardization of Group 3 Facsimile Apparatus for Document Transmission.
- c. T.6 (1988), Facsimile Coding Schemes and Coding Control Functions for Group 4 Facsimile Apparatus.
- d. T.30 (1993), Procedure for Document Transmission in the General Switched Telephone Network.
- e. V.17, 14.400 bit/s 2-wire Modem Standardization for use in Facsimile Applications.
- f. V.27 ter, 4800/2400 Bits per Second Modem Standardized for Use in the General Switched Telephone Network.
- g. V.29, 9600 Bits per Second Modem Standardized for Use on Point-to-Point 4-Wire Leased Telephone-Type Circuits.

h. V.33, 14.400 Bits per Second Modem Standardized for Use on Point-to-Point 4-Wire Leased Telephone-Type Circuits.

Related ANSI-EIA/TIA Standards:

a. ANSI-EIA 538 (1988), Facsimile Coding Schemes and Coding Control Functions for Group 4 Facsimile Equipment.

b. ANSI-TIA/EIA-466-A-1996, Procedures for Document Facsimile Transmission.

Related Federal Information Processing Standards Publications (FIPS PUBS):

a. FIPS PUB 165, 4,800 Bits Per Second Four-Wire Duplex and Two-Wire Half-Duplex Modems for Data Communications Use on Telephone-Type Circuits, (1992).

b. FIPS PUB 166, 4,800 and 9,600 Bits Per Second Two-Wire Duplex Modems for Data Communications Use on Telephone-Type Circuits, (1992).

c. FIPS PUB 167, 9,600 Bits Per Second Four-Wire Duplex Modems for Data Communications Use on Telephone-Type Circuits, (1992).

d. FIPS PUB 170, Data Compression in Modems Employing CCITT Recommendation V.42 Error Correction, (1992).

At the time of publication of this recommendation, the editions indicated above were valid. All publications are subject to revision, and parties to agreements based on this recommendation are encouraged to investigate the possibility of applying the most recent editions of these publications.

You may obtain copies of the related documents from:

ANSI/EIA/TIA

- Global Engineering Documents  
7730 Carondelet Avenue  
St. Louis, MO 63105  
(800) 854-7179; FAX (314) 726-6418

FIPS Publications

- National Technical Information Service  
U.S. Department of Commerce  
5285 Port Royal Road  
Springfield, VA 22161  
(703) 487-4650

ITU-T Documents

- Phillips Business Information, Inc.  
OMNICOM  
1201 Seven Locks Road, Suite 300  
Potomac, MD 20854  
(800) 666-4266

**7. Objectives.** The objective of this recommendation is to facilitate interoperability between and among facsimile terminals within telecommunications facilities and systems of the Federal Government.

**8. Applicability.** ANSI/TIA/EIA-465-A-1995 is recommended for use by all Federal departments and agencies in the design and procurement of Group 3 facsimile equipment.

**9. Specifications.** This recommendation adopts ANSI/TIA/EIA-465-A-1995.

**10. Where to Obtain Copies.** Additional copies of this document can be obtained from the National Communications System, Technology and Standards Division (N6), 701 South Court House Road, Arlington, VA 22204-2198. When requesting copies, refer to Federal Telecommunications Recommendation 1062-1997, Group 3 Facsimile Apparatus for Document Transmission.