

E-COM Interconnection Arrangements

Dial-Up Access Arrangements

1. Binary synchronous, compatible with the IBM 2780 and 3780 terminals using EBCDIC character code sets, operating in half-duplex mode at 2400 bits per second with Bell System 201C compatible modems and at 4800 bits per second with Bell 2088 compatible modems.

2. Asynchronous, using the Texas Instruments 700 series convention for data block transmission and the 96 character ASCII subset as defined by ANSI Standard X3.4—1977, currently used in a wide variety of message and data terminals, operating at 300 and 1200 bits per second full-duplex with Bell System 212A compatible modems.

Dedicated Access Arrangements

1. Packet switched X.25, with LAP data link protocol, binary synchronous framing using the

¹USPS; see *Federal Register*, vol. 46, No. 199, Thursday, Oct. 15, 1981, p. 50879.

ASCII character set, and full-duplex operations at 2400, 4800, or 9600 bits per second.

2. DEC (Digital Equipment Corporation) DDCMP serial synchronous byte oriented line protocol, using the ASCII character set, with full-duplex operation at 2400, 4800, 9600, or 56,000 bits per second.

3. Binary synchronous, compatible with the IBM 2780 and 3780 terminals using EBCDIC character code sets, operating in half-duplex mode at 2400 bits per second with Bell System 201C compatible modems and at 4800 bits per second with Bell System 208B compatible modems, and at 9600 bits per second with Bell System 209A compatible modems.

4. Asynchronous, using the Texas Instruments 700 series convention for data block transmission and the 96 character ASCII subset as defined by ANSI Standard X3.4—1977, currently used in a wide variety of message and data terminals, operating at 300 and 1200 bits per second full-duplex with Bell System 212A compatible modems.