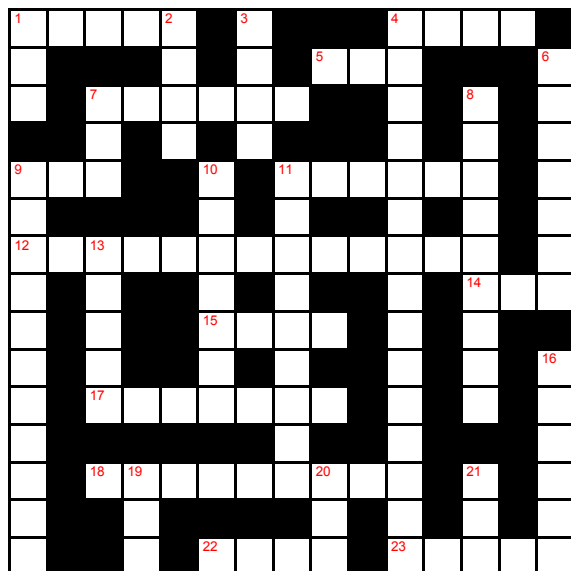


# Telecommunication\_15x15\_2008-10-21

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## Across

- 1 Beginners All Symbolic Instruction Code. A programming high level language. (5)
- 4 The reflection back to the sender of transmitted signal energy. (4)
- 5 That's what the letter 'A' stands for in acronym 'BASIC', a programming language. (3)
- 7 A drop in received signal strength caused by atmospheric refraction or rain attenuation. (6)
- 9 Acronym for Multiplexer. (3)
- 11 Electronic circuitry that removes noise from a transmission channel. (6)
- 12 One of several standard sets of binary representations

for the alphabet, numerals, and common symbols, such as ASCII, EBCDIC, and BCD. (9,4)

- 14 Acronym for computerized branch exchange. (3)
- 15 A data transmission rate (bits/second) for modems. (4)
- 17 That's what the last letter 'D' stands for in acronym 'DOD'. (7)
- 18 An error detection procedure in which a bit (0 or 1) added to each group of bits. (6,3)
- 22 A semiconductor that utilizes a thin layer of metal oxide to conduct current between two identical PN junctions. (4)
- 23 Coder/decoder. (5)

## Down

- 1 A binary digit. (3)
- 2 That's what the letter 'C' stands for in acronym 'ADPCM', meaning Adaptive Differential Pulse \_\_\_\_ Modulation. (4)
- 3 That's what 'L' stands for in acronym 'LAP'. (4)
- 4 That's what 'EM' stands for in acronym 'EMI'. (15)
- 6 Acronym for Central Exchange. (7)
- 7 Acronym for facsimile. (3)
- 8 The original character code used for the telegraph. (5,4)
- 9 One-millionth of a second. (11)
- 10 Abbreviated as dB. (7)
- 11 Repetitions per second of a complete

waveform normally expressed in Hertz (Hz). (9)

- 13 That's what the letter 'A' stands for in acronym 'CAD'. (5)
- 16 That's what the first letter 'C' stands for in acronym 'CRC'. (6)
- 19 Automatic request for retransmission of data found by the error detection system. (3)
- 20 Basic unit of measure for serial data transmission capacity. (3)
- 21 Light Emitting Diode - A semiconductor device that emits incoherent light formed by the P-N function. (3)