IEEE 100
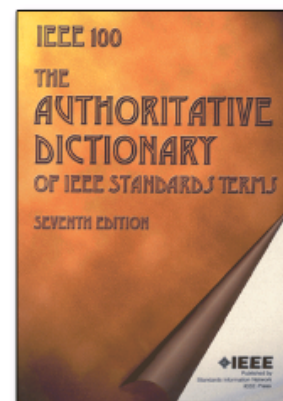# The Authoritative Dictionary of IEEE Standards Terms

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combustible materials (power and distribution transformers) Materials which are external to the apparatus and made of or surfaced with wood, compressed paper, plant fibers, or other materials that will ignite and support flame.
 (PE/TR) C57.12.80-1978r

combustion A chemical process of oxidation that occurs at a rate fast enough to produce heat and usually light, either as a glow or flame. (DEI) 1221-1993w

combustion control The regulation of the rate of combination of fuel with air in a furnace. (T&D/PE) [10]

COM device *See:* computer output microfilmer.

come-along *See:* conductor grip.

comic-strip oriented image In micrographics, an image appearing on a roll of microfilm in such a manner that the top edge of the image is parallel to the long edge of the film. *Synonym:* landscape image. *Contrast:* cine-oriented image.
 (Std100) 10.2-1987

COMIT One of the first languages designed to manipulate text strings; provides pattern matching and substitution capabilities. (C) 610.13-1993w

Comité Consultatif Internationale Télégraphique et Téléphone (CCITT) (1) (data transmission) An advisory committee established under the United Nations in accordance with the International Tele-Communications Convention (Geneva 1959) Article 13, to study and recommend solutions for questions on technical operation and tariffs. The organization is attempting to establish standards for intercountry operation on a worldwide basis. (PE) 599-1985w
(2) An international organization that studies and issues recommendations on issues related to communication technology. *Note:* Also know in English as International Telegraph and Telephone Consultative Committee.
 (C) 610.10-1994w

comma In 1000BASE-X, the seven-bit sequence that is part of an 8B/10B code-group that is used for the purpose of code-group alignment. (C/LM) 802.3-1998

comma- In 1000BASE-X, the seven-bit sequence (1100000) of an encoded data stream. (C/LM) 802.3-1998

comma+ In 1000BASE-X, the seven-bit sequence (0011111) of an encoded data stream. (C/LM) 802.3-1998

command (1) (logical link control) In data communications, an instruction represented in the control field of a protocol data unit (PDU) and transmitted by a logical link control (LLC). It causes the addressed LLC(s) to execute a specific data link control function.
 (LM/PE/C/TR/CC) 799-1987w, 8802-2-1998
(2) (A) (electronic computation) One of a set of several signals (or groups of signals) that occurs as a result of interpreting an instruction; the commands initiate the individual steps that form the process of executing the instruction's operation. **(B) (electronic computation)** Loosely: an instruction in machine language. **(C) (electronic computation)** Loosely: a mathematical or logic operator. **(D) (electronic computation)** Loosely: an operation.
 (MIL/C/Std100) [2], [20], [85], 162-1963
(3) An input variable established by means external to, and independent of, the feedback (automatic) control system. It sets, is equivalent to, and is expressed in the same units as the ideal value of the ultimately controlled variable. *See also:* feedback control system; set point. (IA/ICTL/IAC) [60]
(4) (software) An expression that can be input to a computer system to initiate an action or affect the execution of a computer program; for example, the "log on" command to initiate a computer session. (C) 610.12-1990
(5) A pulse, signal, or set of signals initiating one step in the performance of a controlled operation.
 (SUB/PE) 999-1992w
(6) A procedure in the Forth programming language. The execution of a command performs some operation, usually affecting the state of one or more system resources in a predefined way. (New commands may be defined as sequences of previously defined commands. Most commands have human-readable names expressed as a sequence of textual characters.) *See also:* word name; Forth word.
 (C/BA) 1275-1994
(7) Any communication from a commander to a message-based servant, consisting of a write to the servant's data low register, possibly preceded by a write to the data high or data high and data extended registers. (C/MM) 1155-1992
(8) A directive to the shell to perform a particular task.
 (C/PA) 9945-2-1993
(9) (A) In hardware, a control signal. **(B)** An expression that can be input to a computer system to initiate aan action or affect the execution of a computer program; for example, the (log on(command to initiate a computer session. **(C)** Loosely, a mathematical or logic operator. **(D)** Loosely, a computer instruction. (C) 610.10-1994
(10) A message from the host directed to the printer that may or may not include print data. (C/MM) 1284.1-1997
(11) A package of information transmitted from the roadside to the vehicle that requests that the transponder on the vehicle perform a specific action. (SCC32) 1455-1999
(12) The instruction sent from an initiator to a target directing the target to execute a specified process.
 (C/MM) 1284.4-2000

command character *See:* control character.

command control (electric power system) An automatic generation control methodology that reduces unit control error irrespective of area control error. (PE/PSE) 94-1991w

command-driven Pertaining to a system or mode of operation in which the user directs the system through commands. *Contrast:* menu-driven. (C) 610.12-1990

commander A message-based device that is also a bus master and can control one or more servants. (C/MM) 1155-1992

command group A set of commands with defined behaviors, the group as a whole providing some particular capability (for example, one command group is concerned with client program debugging). (C/BA) 1275-1994

command guidance (navigation aid terms) Guidance in which information transmitted to a craft from an outside source causes it to follow a prescribed path.
 (AES/GCS) 172-1983w

command interpreter The portion of a Forth system that processes user input and Forth language source code by accepting a sequence of textual characters representing Forth word names and executing the corresponding Forth words.
 (C/BA) 1275-1994

command key Any control key on a keyboard used to represent a particular machine command. (C) 610.10-1994w

command language (1) (software) A language used to express commands to a computer system. *See also:* command-driven.
 (C) 610.12-1990
(2) A computer language used to express commands to a computer system and to control their execution. For example, job control language, or REXX. *Synonym:* command-level language. *See also:* interactive language; declarative language; rule-based language. (C) 610.13-1993w
(3) A type of dialog in which a user composes entries to evoke a system response. (PE/NP) 1289-1998

command language interpreter *See:* shell.

command-level language *See:* command language.

command line interface A means of invoking utilities by issuing commands from within a POSIX.2 shell, implying that neither graphics nor windows are required.
 (C/PA) 1387.2-1995

command link (communication satellite) A data transmission link (generally earth to spacecraft or satellite) used to command a satellite or spacecraft in space. (COM) [24]

command protocol data unit (PDU) (1) (logical link control) All PDU's transmitted by a logical link control (LLC) in which the C/R (command/response) bit is equal to "O."
 (PE/TR) 799-1987w