TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

B.10

MEANS OF EXPRESSION

GRAPHICAL SYMBOLS AND RULES FOR THE PREPARATION OF DOCUMENTATION IN TELECOMMUNICATIONS

ITU-T Recommendation B.10

(Extract from the Blue Book)

NOTES

1	ľ	ΓU-T Re	commendation	B.10	was pu	ıblishe	d in	Fascicle	e I.3	of the	Blue	Book.	This	file i	s an	extra	ct fron	n the
Blue	Book.	While t	he presentation	and	layout	of the	text	might	be sl	ightly	diffe	rent fr	om tl	ne Bl	ue E	Book v	version	ı, the
conte	ents of	the file a	re identical to	the <i>Bl</i>	ue Boo	k versi	on ar	nd copy	right	condit	tions	remain	unch	ange	d (se	e bel	ow).	

2	In	this	Recommendation,	the	expression	"Administration"	is	used	for	conciseness	to	indicate	both	a
telecomn	nuni	catio	n administration and	d a re	ecognized or	perating agency.								

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GRAPHICAL SYMBOLS AND RULES FOR THE PREPARATION OF DOCUMENTATION IN TELECOMMUNICATIONS

The CCITT,

which cooperates in the work of the CCI/IEC Joint Working Group set up for the purpose of establishing internationally agreed graphical symbols and rules for the preparation of documentation and for item designations (see CCITT Recommendation A.13 or CCIR Resolution 23),

recommends

that, on diagrams for international use concerning telecommunications, the Administrations and recognized private operating agencies of the CCIs and CCI Secretariats should use the graphical symbols for diagrams given in IEC Series 617 publications and should observe the rules for the preparation of documentation and for item designation laid down in IEC, Publications 113 and 750.

Administrations wishing to use symbols on equipment are recommended to refer to IEC Publication 417.

Note 1 – See CCIR Resolution 23.

Note 2 – References of relevant publications (updated in 1988).

IEC Publication 113: "Diagrams, charts, tables"

113-1	(1971)	(Definitions and classification)
113-2	(1971)	(Item designation of components) replaced by Publication 750
113-3	(1974)	(General recommendations for the preparation of diagrams)
113-4	(1975)	(Recommendations for the preparation of circuit diagrams)
113-5	(1975)	(Preparation of interconnection diagrams and tables)
113-6	(1976 and Amend. 1 1983)	(Preparation of unit wiring diagrams and tables)
113-7	(1981)	(Preparation of logic diagrams)
113-8	(1982 and Amend. 1 1983)	(Preparation of diagrams for system manuals)

IEC Publication 117: "Recommended graphical symbols", replaced by Publication 617

IEC Publication 416: (1972 and 1978 amendment No. 1): "General principles for the formulation of graphical symbols"

IEC Publications 417: (1973 and 7 supplements of 1974, 1975, 1977, 1978, 1980, 1982 and 1985): "Graphical symbols for use on equipment"

IEC Publication 617: "Graphical symbols for diagrams"

617-1	(1985):	General information, General Index. Cross-reference tables
617-2	(1983):	Symbol elements, qualifying symbols and other symbols having general application
617-3	(1983)	Conductors and connecting devices
617-4	(1983)	Passive components

¹⁾ A similar text will be submitted to the CCIR as a revision of Rec. 461-3.

617-5	(1983)	Semi-conductors and electron tubes
617-6	(1983)	Production and conversion of electrical energy
617-7	(1983)	Switchgear, controlgear and protective devices
617-8	(1983)	Measuring instruments, lamps and signalling devices
617-9	(1983)	Telecommunications: Switching and peripheral equipment
617-10	(1983)	Telecommunication: Transmission
617-11	(1983)	Architectural and topographical installation plans and diagrams
617-12	(1983)	Binary logic elements
617-13	(1983)	Analogue elements

IEC Publication (1983): "Item designation in electrotechnology"