

VIAGRAM

Information Note



Subject: USASCII Communications Character Set

No: 17

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The table of USASCII Communications Characters below is provided for customers who plan to operate in a communications environment. Unless otherwise indicated, each character is generated by pressing a specific data key in conjunction with the SHIFT X key.

USASCII COMMUNICATIONS CHARACTERS

CONTROL CHARACTER	EXPLANATION	LOCATION ON KEYBOARD	DISPLAYED CHARACTER
NUL	Null	Space Bar	Space
SOH	Start of Heading (CC)	- A	!
STX	Start of Text (CC)	: B	.
ETX	End of Text (CC)	" C	#
EOT	End of Transmission (CC)	: D	\$
ENQ	Enquiry (CC)) E	%
ACK	Acknowledge (CC)	; F	&
BEL	Bell (Audible or attention signal)	∟ G	'
BS	Backspace (FE)	' H or ←	(
HT	Horizontal Tabulation (FE) (punched card skip)	2 I)
LF	Line Feed (FE)	R4 with SHIFT UPPER KEY	*
VT	Vertical Tabulation (FE)	5 K	+
FF	Form Feed (FE)	6 L	'
CR	Carriage Return (FE)	R4 with SHIFT LOWER KEY	-
SO	Shift Out	(N	.
SI	Shift In	3 O	/

USASCII COMMUNICATIONS CHARACTERS (cont)

CONTROL CHARACTER	EXPLANATION	LOCATION ON KEYBOARD	DISPLAYED CHARACTER
DLE	Data Link Escape (CC)	& P	0
DC1	Device Control 1	+ Q	1
DC2	Device Control 2	€ R	2
DC3	Device Control 3	> S	3
DC4	Device Control 4 (Stop)	▣ T	4
NAK	Negative Acknowledge (CC)	1 U	5
SYN	Synchronous Idle (CC)	= V	6
ETB	End of Transmission Block (CC)	— W	7
CAN	Cancel	? X	8
EM	End of Medium	Y	9
SUB	Substitute	/ Z	:
ESC	Escape	: ;	;
FS1	File Separator (IS)	8 .	<
GS	Group Separator (IS)	7 M	=
RS	Record Separator (IS)	9 .	>
US	Unit Separator (IS)	? /	?
DEL ²	Delete	Space Bar with Shift Y	

- (CC) Denotes Communication Control, a functional character which controls or facilitates transmission of information over communication networks.
- (FE) Denotes Format Effector, a functional character which controls the layout or positioning of information in printing or display devices.
- (IS) Denotes Information Separator, a character which separates and qualifies information in a logical sense. These characters are used in a hierarchical order.
- FS¹ Reserved with System 21 for an End-of-VIAtape (EVT) control character.
- DEL² Delete is used primarily to "erase" or "obliterate" erroneous or unwanted characters in perforated tape. In a strict sense, DEL is not a control character.