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34.301-91

(6429-88)

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34 1—91

Information technology.
7-bit and 8-bit coded character sets.
Control functions

(6429—88)

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27466 (2022).

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6429—88.

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тиражирован и распространен без разрешения Госстандарта СССР

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4.2 6. — ，

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4.2.9. — ， .

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4 2.11. — ， -

4,2.12. (-
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4.2.13

4.2J4,

4 2,15

4.2 16.

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4.2.18.

4.2.19.

4.2.20.

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4.2 22.

4.2 23.

4.2.24.

4.2.25.

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4	' 2.29.	—		/	. (-
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4.2.31.			—		,	-
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4.2.34.		—			.	-
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4.2	36.	—		(2 (lfSC)).	-
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4.2	37.	—		(),	-
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4.2.41. — -

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4.2.43. — > -

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4.2.44.) , -

(2 (ESC)) . — ^ , -

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Vb. / / -

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4.2.46. — -

4.2-47. — -

4.2.48. — , -

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4.2.49. — . -

4.2.50. — , -

((CSI))

4.2.51. — » -

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4.2.52. (06) -

4.2.53. — -

- 4.2.54. — -
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- 4.2.56. — , -
- 4.2.57. — , -
- 4.2.58. — -
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- 5.2. — (DEL)

- 5.3.
- 8- 00/00 01/15. 7- -
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2 02/01 04/00.

(ESCAPE) 1

01/11.

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	00	01
00	(NUL)	API (DLE)
01	(SOH)	1 (DC1)
02	(STX)	2 (DC2)
03	()	(DC3)
04	(EOT)	4 (DC4)
05	(ENQ)	(NAK)
06	()	(SYN)
07	(BEL)	()
08	(BS)	(CAN)
09	()	()
10	(LF)	(SUB)
	(VT)	2 (ESC)
12	(FF)	4 (IS4)
13	(CR)	(IS3)
14	1 (SO or	2 (IS2)
	LSI)	
15	(SI or	1 (IS1)
	LS0)	

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00					—	(DCS)
01					—	1 (PU1)
02					()	2 (PU2)
03					(NBH)	(STS)
04					(IND)*	()
05					(NEL)	(MW)
05					(SSA)	(SPA)
07					(ESA)	()
08					(HTS)	(SOS)
09					(HTJ)	—
10					(VTS)	(SCI)
11					(PLD)	(CSI)
12					(PLU)	(ST)
13					(RI)	(OSC)
14					2 (SS2)	()
15				II	(SS3)	()

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00	(ICH)	(DCH)	()
01	(CUU)	(SEE)	(HPR)
02	(CUD)	(CPR)	(REP)
03	(CUF)	(SU)	(DA)
04	(CUB)	(SD)	(VPA)
05	(CNL)	(NP)	(VPR)
06	(CPL)	()	(HVP)
07	()	()	()
08	(CUP)	()	(SM)
09	()	(CVT)	()
10	(ED)	()	()
11	(EL)	(SRS)	(VPB)
12	(IL)	()	CP (RM)
13	(DL)	-	(SGR)
14	(EF)	-	(DSR)
15	()	—	(DAQ)

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	04	05	06
00	(SL)	()	()
01	(SR)	(PPR)	(TALE)
02	(GSM)	<)	()
03	(GSS)	(SPD)	()
04	(FNT)	(DTA)	(TSR)
05	(TSS)	(SLH)	(SCO)
06	(JFY)	(SLL)	(SRCS)
07	(SPI)	(FNK)	(SCS)
08	(QUAD)	(SPQR)	(SLS)
09	(SSU)	(SEF)	-
10	(PFS)	()	—
11	(SHS)	(SSW)	—
12	(SVS)	(SACS)	—
13	(IGS)	(SAPV)	—
14	(HTSA)*	(STAB)	-
15	(IDCS)	(GGC)	-

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01/11, Fs

2 Fs, 2

06/00 07/14.

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00	(DMI)	
01	(INT)	—
02	(EMI)	-
03	(RIS)	—
04	(CMD)	—
05	—	—
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09	-	-
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12	-	(LS3R)
13	—	2 (LS2R)
14	2 (LS2)	1 (LS1R)
15	(LS3)	-

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(SM)]

[CP (RM)]

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7.2.

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6

	/	-	7.2.1
(CRM)	/	(CONTROL REPRESENTATION MODE)	2
()	/	(EDITING BOUNDARY DE)	7.2.3
PC (ERM)	/	(ERASURE MODE)	7.2.4
(FEAM)	/	(FORMAT EFFECTOR TION MODE)	7.2.5
(FETM)	/	(FORMAT EFFECTOR TRANSFER MODE)	7.2.6
1 (GATM)	/	(GUARDED AREA TRANSFER MODE)	7.2.7
(GRCM)	/	(GRAPHIC RENDITION COMBINATION MODE)	7.2.8
()	/	(CHARACTER EDITING MODE)	7.2.9
(IRM)	3	(INSERTION REPLACEMENT MODE)	

	/		-
	/	-	7.2 10
()	/	(KEYBOARD ACTION DE)	-
/	/	-	.2
(LF/NLM)	.	/	-
		(LINE FEED/NEW LINE MODE)	
	/	-	7.2.12
()		(MULTIPLE AREA TRANSFER MODE)	
	/	-	7.2.13
(PUM)		(POSITIONING UNIT DE)	-
	/	-	7.2.14
(SATM)		(SELECTED AREA TRANSFER MODE)	
	/	/ -	7.2 15
(SRM)		(SEND/RECEJVER MODE)	
	/	-	72.16
(SRTM)		(STATUS REPORT TRANSFER MODE)	
	/	-	7.2.17
(TSM)		(TABULATION STOP MODE)	
	/		7.2.18
()		(TRANSFER TERMINATION MODE)	
PGFK	/	-	7.2.19
(VEM)		(LINE EDITING MODE)	
	/	-	7.2.20
(2DM)		(ZERO DEFAULT MODE)	

7 2 1 (CRM) —

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[(FEAM)J.

[CP (RM)],

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[(SEE)],

7 2 3 PC (ERM) —

(ECH), (ED), ^{PC}(EF), (EL) (),

7 2.4. (FEAM) —

(), (BS), (CR), (DTA), (FF), Bl^m (FNT), (GCC),
(GSM), (GSS), (), (), (HPR), (),

(HTJ), (HTS), (HTS)*, (HVP), (IND)*, (JFY),
(NEL), (), (PFS), (PLD), (PLU), (),
(), (PPR), (), (QUAD), (R1), (SACS),
(SAPV), (SCO), (SCS), (SGR), (SHS),
(SLH), (SLL), (SLS), (SPD), (SPI), (SPQR),
(SRCS), (SRS), (SSU), (SSW), (STAB), (SVS),
(), (TALE), (), (), (), (TSS),
(VPA), (VPB), (VPR), (VTS)

7.2.5. (FETM) —

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((FEAM)) ,

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7.2.6. (GATM) —

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7.2.7. (GRCM) —

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7.2.8. () —

(ICH).

7.2.9. (IRM) —

(DCH),

7.2.10. () —

7.2.11. / (LF/NLM) —

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7.2.12. () —

7.2.13. (PUM) —

(SSU).

(CUD), (CUF), (CUU), (), (), (CUB),
 (HTSA) (HVP), (SLH), (SLL), (SSU), (HPR),
 (VPA), (VPB), (VPR).

7.2.14. (SATM) —

7.2.15. (SRM) — /

7.2.16 (SRTM) —

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7.2.17. (TSM) —

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(DL) , (HTS), (HTSA)\BCK (1 ,

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7.2.19. (VEM) —

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7.2.20. PH (ZDM) —

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« 03/00, » [(SSU)],

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() (CNL), (CPL), (CPR), (CUB), (CUD), (CUF), (CUP), (CUU), (CVT), (DCH), (DL), (IL), (CSM), (HPR), (HVP), (ICH), (NP), (), (), (), (PPR), (REP), (SD), (SL), (SR); (SU), (VPA), (VPB), (VPR)

7.3.

(GATM)};

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(SATM)J;

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[(CRM) J;
[(FEAM)J.

[(HEM)J;
[(IRM)J.

7.3.1.

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(FEAM)

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 [CP (RM)] . 5 5 1.
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	(J)	-	8 32
()	(APPLICATION PROGRAM MAND)	-	
	(F^	-	83.11
()	(CODING METHOD DELIMITER)	-	8 3 27
(DCS)	(^	-	
	(1)	-	8.3 90
(OSQ	(OPERATING SYSTEM COMMAND)		
< , \			\ m
()	(PRIVACY MESSAGE)		8 3.126
(01)	(START OF STRING)		83 139
(SOS)	(0^		
7	(STRING TERMINATOR)		
(ST)			
8 2 2	^	. 8.	

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	>		!^
	(61)	-	8 3 16
(CSI)		(CONTROL SEQUENCE INTRODUCER)	

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			- -
2 (ESC)	()	(ESCAPE)	8.3.49
(SCI)		- (SINGLE CHARACTER INTRODUCER)	8.3.110

8.2.3.

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9

			- -
(LS0)	()	(LOCKING-SHIFT ZERO)	8.3.76
1 (LS1)	()	(LOCKING-SHIFT ONE)	8.3.77
(LS1R)	(Fs)	(LOCKING-SHIFT ONE RIGHT)	8.3.78
2 (LS2)	(Fs)	(LOCKING-SHIFT TWO)	8.3.79
2 (LS2R)	(Fs)	(LOCKING-SHIFT TWO RIGHT)	8.3.80
(LS3)	(Fs)	(LOCKING-SHIFT THREE)	8.3.81
(LS3R)	(Fs)	(LOCKING-SHIFT THREE RIGHT)	8.3.82
(SI)	(CO)	(SHIFT-IN)	8.3.118
(SO)	(CO)	(SHIFT-OUT)	8.3.124
2	(CI)		8.3.137
(SS2)		(SINGLE-SHIFT TWO)	
(SS3)	(CI)	(SINGLE-SHIFT THREE)	8.3.138

8.2.4.

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			- -
(BS)	()	(BACKSPACE)	8.3.5
(CR)	()	(CARRIAGE RETURN)	8.3.15
(FF)	()	(FORM FEED)	8.3.52
()	()	-	8.3.58
()	()	(CHARACTER POSITION ABSOLUTE)	8.3.59
()	()	(CHARACTER POSITION BACKWARD)	8.3.60
(HPR)	()	(CHARACTER POSITION FORWARD)	8.3.61
()	()	(CHARACTER TABULATION)	8.3.62
(HTJ)	(1)	(CHARACTER TABULATION WITH JUSTIFICATION)	8.3.63
(HTS)	(...)	(CHARACTER TABULATION SET)	-
(HTSA)	(1; 2)	(CHARACTER TABULATION SET ABSOLUTE)	8.3.64
(HVP)	(1)	(CHARACTER AND LINE POSITION)	-
(IND)	()	(INDEX)	-
(LF)	()	(LINE FEED)	8.3.75

			- -
(NEL)	(1)	(NEXT LINE)	8.3.87
(PLD)	{CD	(PARTIAL LINE FORWARD)	8 3.93
(PLU)	(CI)	(PARTIAL LINE BACKWARD)	83.94
	()	-	8 3.97
()		(PAGE POSITION ABSOLUTE)	
	()		8.3 98
()		(PAGE POSITION BACKWARD)	
	()		8.3.99
(PPR)		(PAGE <i>POSITION</i> FORWARD)	
	(1)		8.3.105
(RI)		(REVERSE LINE FEED)	
	(Ps)		8 3.150
()		(TABULATION CLEAR)	
	()	-	8 3.152
(TSR)		(TABULATION STOP REMOVE)	
	()		8 3.154
(VPA)		(LINE <i>POSITION</i> ABSOLUTE)	
	()		8.3.155
(VPB)		(LINE POSITION BACKWARD)	
	()		8 3.156
(VPR)		(LINE <i>POSITION</i> FORWARD)	
	()		8 3.157
(VT)		(LINE TABULATION)	
	(CD	-	8.3.158
(VTS)		(LINE TABULATION SET)	

8.2.5.

II.

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	(1)	-	8.3.4
()		(BREAK PERMITTED HERE)	
(DTA)	(Pnl; 2)	(DIMENSION TEXT AREA)	8.3.37
(FNT)	(Psl; Ps2)	(FONT SELECTION)	8.3.54
	(Ps)		8.3.55
(GCC)		(GRAPHIC CHARACTER COMPOSITION)	
	(Pnl; Pn2)	-	8,3.56
(GSM)		(GRAPHIC SIZE MODIFICATION)	
	(Pn)		8.3.57
(GSS)		(GRAPHIC SIZE SELECTION)	
	(Ps..)		8.3.74
(JEY)		(JUSTIFY)	
	(Cl)		8.3.86
NBH		(NO BREAK HERE)	
	(Ps)		8.3.91
()		(PRESENTATION EXPAND OR CONTRACT)	
	(Ps)		8.3.92
(PFS)		(PAGE FORMAT SELECTION)	
	(Ps)		8.3.100
()		(PARALLEL TEXTS)	
	(Ps...)	-	8.3.103
(QUAD)		(QUAD)	
	(Pn)	-	8.3.108
(SACS)		(SET ADDITIONAL CHARACTER SEPARATION)	
	(Ps,..)	-	8.3.109

(SAPV)		(SELECT ALTERNATIVE PRESENTATION VARIANTS)	
	(Ps)	-	83 111
(SCO)		(SET CHARACTER ORIENTATION)	
	()		8 3 112
(SCS)		(SET CHARACTER SPACING)	
	(Ps.)	-	8 3 116
(SGR)		(SELECT GRAPHIC RENDITION)	
	(Ps)		83 117
(SHS)		(SELECT CHARACTER SPACING)	
	(Pn)		8 3 120
(SLH)		(SET LINE HOME)	
	(Pn)		83 121
(SLL)		(SET LINE LIMIT)	
	()		8 3 122
(SLS)		(SET LINE SPACING)	
	(Ps)	-	8 3 128
(SPD)		(SELECT PRESENTATION DIRECTIONS)	
	(Pnl, Pn2)		8 3 129
(SPI)		(SPACING INCREMENT)	
	(Ps)		8 3.130
(SPQR)		(SELECT PRINT QUALITY AND RAPIDITY)	
	(Pn)		8 3 132
(SRCS)		(SET REDUCED CHARACTER SEPARATION)	
	(Ps)	-	8 3 133
(SRS)		(START REVERSED STRING)	
	(Ps)		8 3 135
(SSU)		(SELECT SIZE UNIT)	
	(Pn)		83 136
(SSW)		(SELECT SPACE WIDTH)	

			-
(STAB)	(Ps)	(SELECTIVE TABULATION)	8.3 140
(SVS)	(Ps)	(SELECT LINE SPACING)	8.3.145
()	()	(TABULATION ALIGNED CENTRED)	8.3.147
(TALE)	()	(TABULATION ALIGNED LEADING EDGE)	8.3.148
()	()	(TABULATION ALIGNED TRAILING EDGE)	8.3.149
()	(1; 2)	(TABULATION CENTRED ON CHA- RACTER)	8.3.151
(TSS)	()	(THIN SPACE SPECIFICATION)	8.3.153

8.2.6.

- 12.

			-
(DCH)	()	(DELETE CHARACTER)	8.3.26
(DL)	()	(DELETE LINE)	8.3.33
()	(Ps)	(ERASE IN AREA)	8.3.38
()	()	(ERASE CHARACTER)	8.3.39
(ED)	(Ps)	(ERASE IN PAGE)	8.3.40

. 12

(EF)	(Ps)	(ERACE IN FILD)	8.3.41
(EL)	(Ps)	(ERASE IN LINE)	8.3.42
(ICH)	(Pn)	(INSERT CHARACTER)	8.3.65
(IL)	()	(INSERT LINE)	8.3.68

8.2.7.

. 13.

13

			- -
()	()	(CURSOR BACKWARD TABULATION)	8.3.7
	()	-	8.3.9
()	()	(CURSOR CHARACTER ABSOLUTE)	8.3.10
()	()	(CURSOR ROFWARD TABULATION)	8.3.12
(CNL)	()	(CURSOR NEXT LINE)	8.3.13
(CPL)	(Ps...)	(CURSOR PRECEDING LINE)	8.3.17
()		(CURSOR TABULATION CONTROL)	8.3.18
(CUB)	()	(CURSOR LEFT)	8.3.19
(CUD)	()	(CURSOR DOWN)	

			-
(CUF)	()	(CURSOR RIGHT)	8.3.20
(CUP)	(Pnl; 2)	(CURSOR POSITION)	8.3.21
(CUU)	()	(CURSOR UP)	8.3.22
(CVT)	()	(CURSOR LINE TABULATION)	8.3.23

8.2.8.**. 14.**

			-
(NP)	()	(NEXT PAGE)	8.3.88
()	()	(PRECEDING PAGE)	8.3.96
(SD)	()	(SCROLL DOWN)	8.3.113
(SL)	()	(SCROLL LEFT)	8.3.119
(SR)	()	(SCROLL RIGHT)	8.3.131
(SU)	()	(SCROLL UP)	8.3.143

8.2.9.**. 15.**

			-
1 (DC1)	()	(DEVICE CONTROL ONE)	8.3.28

. 15

2 (DC 2)	()	(DEVICE CONTROL TWO)	8.3.29
(DC3)	()	(DEVICE CONTROL THREE)	8.3.30
4 (DC4)	()	(DEVICE CONTROL FOUR)	8.3.31

8.2.10-

. 16.

16

			-
1	()		8.3.70
(IS1)		(INFORMATION SEPARATOR ONE)	
2	()		8.3.71
(IS2)		(INFORMATION SEPARATOR TWO)	
	()		8.3.72
(IS3)		(INFORMATION SEPARATOR THREE)	
4	()		8.3.73
(IS4)		(INFORMATION SEPARATOR FOUR)	

•
;

1.

$$[4 \text{ (IS4)}],$$
$$[(IS3)],$$
 $[2 \text{ (IS2)}],$

[1 (IS1)]

$$\begin{matrix} \text{(FS)],} \\ \text{(RS)],} \end{matrix}$$
$$\begin{bmatrix} \text{(GS)}, \\ \text{(US)} \end{bmatrix}$$
$$\wedge$$

•
•

‘ , , , ‘
‘ ,

,

—
,

•

(DT)]

. 17.

17

			-
	(P s)	-	8 3.25
(DAQ)	(CI)	(DEFINE AREA QUALIFICATION)	8 3.47
()	(CI)	(END OF GUARDED AREA)	8.3.48
(ESA)	(CI)	(END OF SELECTED AREA)	8 3.127
(SPA)	(CI)	(START OF GUARDED AREA)	8.3.134
(SSA)		(START OF SELECTED AREA)	

. 18,

18			
			- -
(RM) (SM) 8.2.13.	(Ps...) (Ps...) ynf)	(RESET MODE) (SET MODE)	8.3.107 8.3.123 . 19. 19
			- -
(	( )	(ACKNOWLEDGE)	8.3.1

			1 -
API (DLE)	()	(DATA LINK ESCAPE)	8.3.34
(ENQ)	()	? (ENQUIRY)	8.3.45
(EOT)	()	(END OF TRANSMISSION)	8.3.46
()	()	(END OF TRANSMISSION BLOCK)	8.3.50
()	()	(END OF TEXT)	8.3.51
(NAK)	()	(NEGATIVE ACKNOWLEDGE)	8.3.85
(SOH)	()	(START OF HEADING)	8.3.125
(STX)	()	(START OF TEXT)	8.3.142
(SYN)	()	(SYNCHRONOUS IDLE)	8.3.146

8.2.14.

- 20.

			-
(BEL)	()	(BELL)	8.3.3
()	()	(CANCEL)	8.3.6
()	(CI)	(CANCEL CHARACTER)	8.3.8
	(1; 2)	-	8.3.14
(CPR)	(Ps)	(ACTIVE POSITION REPORT)	8.3.24
(DA)	()	(DEVICE ATTRIBUTES)	8.3.32
(DEL)		(DELETE)	

1	<!?*\	\	\>	)	8 3 35
(DMI)	(Ps)				8 3 36
(DSR)			(DEVICE STATUS REPORT)		8 3 43
()	()		(END OF MEDIUM)		8 3 44
(EMI)	(Fs)		(ENABLE MANUAL INPUT)		8 3 53
(FNK)	()		(FUNCTION KEY)		8 3 66
	(Ps)		-		8 3 66
(IDCS)			(IDENTIFY DEVICE CONTROL STRING)		8 3 67
	(Ps)		-		8 3 67
(IGS)			(IDENTIFY GRAPHIC SUBREPER TOIRE)		8 3 69
	(Fs)		(INTERRUPT)		8 3 83
(INT)	(Ps)		(MEDIA COPY)		8 3 84
()	(Cl)		\	\	8 3 89
	(CO)		(NULL)		83 101
(NUL)	1	(Cl)			8 3 102
(PUT)			(PRIVATE USE ONE)		8 3 104
2	(Cl)		(PRIVATE USE TWO)		8 3 106
(PU2)	(Pn)		(REPEAT)		83 114
(REP)	(Fs)		(RESET INITIAL STATE)		
(RIS)	(Ps)				
(SEE)			(SELECT EDITING EXTENT)		

. 20

			- -
(SEF)	(Ps)	(SHEET EJECT AND FEED)	83 115
	(Cl)	-	83 141
(STS)		(SET TRANSMIT STATE)	
(SUB)	()	(SUBSTITUTE)	8 3 144

8.3.

() .

(, . 1) —).
8 3.1 . () —
: ().
00/06.

-
28079.

8.3.2 () —
: (1).
: 09/15 2 05/15.

02/00 07/14. 00/08 , 00/13
((ST)).

83.3. (BEL) —
: ().
: 00/07.
;

8.3.4. () —
: (1).
: 08/02 2 04/02.

8.3.5. (BS) —
 : ().
 : 00/08.

[(SPD)].
 8.3.6. (CAN) —
 : ().
 : 01/08.

()
 8.3.7. () —
 : ().
 : 05/10.
 : =1.

[(SPD)]
 8.3.8 () —
 : (1).
 : 09/04 2 05/04.

()
 8.3.9. () —
 : ().
 : 04/07*

: = 1.

-
-
-

((SPD)).

8.3.10. () —

: ().

: 04/09.

: =1.

, n-
,

-
-
-

((SPD)).

8.3.11. (CMD) —

: (Fs).

: 2 06/04.

27466,

,
-
-
-

8.3.12. (CNL) —

: ().

: 04/05.

: =1.

-
-
-

[(SPD)}.

8.3.13. (CPL) —

: ().

: 04/06.

: =1.

n-
.

-
-
-

[(SPD)J.

8.3.14. (CPR) —

: (Pnl; 2).

: Pnl; 2 05/02.

: $P_n = 1, P_{n2} = 1.$

m-
2.

[(DSR)]

[(SPD)].

8.3.15. (CR) —
: ().
: 00/13.

[(SLH)}.

(SPD)].

8.3.16. (CSI) —
: (1).
: 09/11 2 05/11.

8.3.17. (. - 5.5).
() —
: (Ps ...).

: Ps ... 05/07.
: $P_s = 0.$

0 —

1 —

2 —

3 —

4 —

5 —

6 —

0, 2 4

, -

8 3.18. [(TSM)].
 (CUB) —
 : ().

: 04/04,

: $P_n = L$

- -

8.3.19, [(SPD)J].
 (CUL) —
 : ().

: 04/02,

: =1.

,

,

-

8 3.20. [(SPD)].
 (CUF) —
 : (),

: 04/03.

: =1.

-

-

8.3.21. [(SPD)J].
 (CUP) —
 : (1; 2).

: 1; 2 04/08.

: $P_{n1} = 1; 2 = 1.$

n-

m-

,

 P_{n1}

-

2,

8.3.22. (CUU) [(SPD)].
: ().

: 04/01.
: =1.

8.3.23. (CVT) — [(SPD)].
: ().

: 05/09.
: —1.

8 .24. (DA) — [(SPD)].
: (Ps).

: Ps 06/03.
: Ps —0.
0,

8 3.25. (DAQ) —

: (Ps ...).
: Ps ... 06/15.

: Ps = 0/

0 —	;	
1 —	;	
2 —	;	
3 —	;	
4 —	;	
5 —		-
	;	
6 —	;	
7 —		
()
	;	
8 —	;	
9 —	;	
10 —		-
	;	
11 —		,
.		-
;		-
		-
	[(TSM)].	-
	7	-
8.3.26. (DCH) —		
;().		
:	05/00.	
	: =1.	
		-
		-
[()]	—1	-
,		.
.		.
		.
	[(SEE)].	
		,
		-
		.
		-
		-
	[(SPD)].	

8 3.27 (DCS) —

: (1).

: 09/00

2 05/00.

.

00/08

, 00/13

02/00

07/14.

[(ST)}.

[(IDCS)},

()

8 3 28 1 (DC1) —

: ().

: 01/01.

1

-

,

(2)

,

1

« -ON»,

8 3 29 2 (DC2) —

: ().

: 01/02.

2

,

() 1

8 3 30. (DC3) —

: ().

: 01/03.

(1).

，
，
« -OFF»,

8.3 31. 4 (DC4) —
: ().
: 01/04.
4

，
，
1
8 3 32. (DEL) —
: ().
: 07/15.

02 96-
07

07/15

8 3 33 (DL) —
: ().
: 04/13.
: =1.

[(VEM)] —1

[(SEE)]

[(TSM)]

(SLH)].

8.3.34. *API (DIE)* — [(SPD)].
: ().
: 01/00.

API

8.3.35. *API (DMI)* — 28079 (1745).
: (Fs).
: 2 06/00.

8.3.36. *(DSR)* —
: (Ps).
: Ps 06/14.
: Ps = 0.

,
:
0 — , ;
1 — , ;
2 — , ;
3 — ,
;
4 — ,
;
5 — ;
6 —

[(CPR)J.
0, 1, 2, 3 4

,
5

(MW)],

8.3.37. *(DTA)* —
: (Pnl; 2).
: Pnl;.Pn2 02/00 05/04.

Pnl	,	-
2	,	-
(PUM)].	[-
	(SSU)].	-
		-
	(SPD)J.	-
8.3 38 ()—		
: (Ps).	Ps 04/15	
	: Ps = 0	
0 —	:	-
1 —	;	
2 —	;	-
	[PC (ERM)].	-
		-
8.3:39 () —	[(SPD)]	
: ().	05/08.	
	: —1.	
—1	,	
	[PC (ERM)]	-
		-
	[(SPD)].	

8.3.40. (*ED*) —
: (Ps).

: Ps 04/10.

: Ps = 0.

0 —

1 —

2 —

[PC (ERM)].

8 3.41. (*EF*) —
: (Ps)

[(SPD)].

: Ps 04/14.

: Ps = 0.

0 —

1 —

2 —

[PC (ERM)].

8 3 42. () —
: (Ps).

[(SPD)].

: Ps 04/11.

: Ps = 0.

0 —
1 —
2 —

[PC (ERM)].

8.3.43. () — [(SPD)],
:().
: 01/09.

8.3.44. (/) —
:(Fs).
: 2 06/02.

8.3.45. (ENQ) — ?
:().
: 00/05-

8.3.46. (EOT) — 28079 (1745).
:().
: 00/04.

8.3.47. () — 28079 (1745).
:(1).
: 09/07 2 05/07.

[(GATM)],

[PC (ERM)].

[HCO-(SPA)].

8.3.48. (ESA) —
: (1).

: 08/07

2 04/07.

,

,

-

.

[

(SSA)].

8.3.49. 2 (ESC) —
: ().

: 01/11.

2

.

,

2

27466 (2022).

8.3.50. () —
: ().

: 01/07.

,

28079 (1745).

8.3 5!. () —
: ().

: 00/03.

28079 (1745)'.
.

8-3.52. () —
: ().

: 00/12.

8.3.53. (FNK) —
: ().

: 02/00 05/07.

,

8.3.54. (FNT) —
: (Psl; Ps2).

: Psl; Ps2 02/00 04/04.

: Ps 1=0; Ps2 = 0.

(SGR)]. Psl

0 “

1 —

2 —

3 —

4 —

5 —

6 —

7 —

8 —

9 —

Ps2

8 3 55.

(GCC) —

: (Ps).

: Ps 02/00 05/15

: Ps = 0.

8.3.56.

(GSM) —

: (Pnl; 2).

. Pnl; 2 02/00 04/02.

: Pnl = 100; 2=100.

()

[(FNT)]

[(GSS)J.

or ,
2 ,

8.3.57 (GSS) —
:().
: 02/00 04/03.

[(FNT)].

[(SSU)]
8 3 58 (HP) —
:()
: 06/00.
: = 1.

[(PUM)]

[(SSU)J.

(SPD)].
8.3 59. () —
:().
: 06/10
: = 1.

[(PUM)].

[(SSU)].

[
(SPD)].
8 3.60. (HPR) —
:().
: 06/01.
: =1.
,
,
,
[(PUM)].
,
[(SSU)].
[
(SPD)].
8.3.61. () —
:().
: 00/09.
.
[(TAC)J,
[(TALE)],
[()],
(()),
,
-
[(CR)],
(NEL)J.
1
8.3.62. (HTI) — [(SPD)].
:(1).
: 08/09 2 04/09.
,
,
.
.

,
,
[(SPD)].
8 3 63 (HTS) —
: (1).
: 08/08 2 04/08.
.
,
(TSM)]
8.3 64 (HVP) —
: (Pnl; 2).
: Pnl; 2 06/06.
: 1 = 1; 2=1.
$$\frac{m}{Pnl} \quad m$$

2
,
[(PUM)].
,
[(SSU)]
[(SPD)].
8 3.65 (1)>—
: ().
: 04/00
: =1.
[
()] —1
.
.
[(SEE)].

,
 ,
 -
 -

$$[(\text{SPD})].$$

8 3 66. (/DCS) — -

$$: (Ps).$$

: Ps 02/00 04/15.

[(DCS)]. -

■ ■ ■

1 — .

(SRTM)];

[

$$2 -$$

[(DRCS)] 27466

(2022).

8.3.67. (IGS) — -

$$: (Ps).$$

: Ps 02/00 04/13.

; $P_S = 0$.

6937.

0 —

6937.

$$, \quad 0,$$

7350-

8.3.68. (IL) —

$$: (\quad) .$$

: 04/12*

$\frac{A}{\sqrt{\lambda}}$

8.3.69. (INT) — [(SPD)i'
: (Fs). : 2 06/01. ^.
, ^ ,
, ^ . -
,

8.3.70. *PHt (IS1)* —
(US) —
 : ().
 : 01/15.
 1
 ;
 .

8.3.71. $(RS) -$
: $\left(\begin{array}{c} \\ \end{array} \right)$.
 2
: $\quad ;$

8.3.72. (. . 8.2.10).
C/S3) —
[(GS) — J
; ().

: 01/13.

;

8.3.73. (. . 8.2.10).
4 (1S4) —
[(FS) —]
; ().

: 01/12.

4

;

8.3.74. (- . 8.2,10).
(JFY) —
: (Ps . . .).

: Ps . . . 02/00 04/06.
: Ps = 0.

, () -
, (. -
) :
0 — ,
;
1 — ;
2 — ;
3 — ;
4 — ();
5 — ;
6 — -
;
7 — ;
8 — .

[(SLH)],

[(SLL)].

8 3.75. (*LF*) —
: ().
: 00/10.

8.3.76. (*LS0*) — [(SPD)].
: ().
: 00/15.

27466 (2022).
8- ; 7-
[(SI)].

8.3.77. 1 (*LSI*) —
: ().
: 00/14.

1
1 27466 (2022).
1 8- ; 7-
[(SO)].

8.3.78. 1 (*LS1R*) —
: (Fs).
: 2 07/14.
1

1 27466 (2022).
8.3.79. 2 (*LS2*) —
: (Fs).
: 2 06/14.
2

2 27466 (2022).
8.3.80. 2 (*LS2R*) —
: (Fs).
: 2 07/13.
2

2 27466 (2022).
8.3.81. (*LS3*) —
: (Fs).
: 2 06/15.

8.3.82. (LS3R) -

: (Fs).

. ^ : 07/12.

(/ ^ 2022)

^ 27466 (2022) ,
""

8.3.83. () —

: (Ps).

: Ps 06/09. =q
: 8=

0 — ;
1 — ;
2 — ;
3 — ;
4 — ?
5 — ;
6 — ;
7 — ;
' — f ^ * \ ,
0 ^ *

8.3.84. (MW) —

; (1).

; 09/05 2 05/05 ^
*
*
"

((DSR)J'

8.3.85. (NAK) —

: ().

: 01/05.

28079 (1745).

8.3.86. (*NBH*) —

: (1).

: 08/03

2 04/03.

8.3.87. (*NEL*) —

: (1).

: 08/05

2 04/05.

[(*SLH*)].

8.3.88.

[(*SPD*)J.
(*NP*) —

: ().

: 05/05.

: = 1.

n-

8.3.89.

(*NUL*) —

: ().

: 00/00.

()

8.3.90.

(*OSC*) —

: (1).

: 09/13

2 05/13.

00/08

00/13

02/00 07/14.

[(ST)]. -
-

8.3.91. () —

: (Ps).

: Ps 02/00 05/10.
: Ps = 0.

-
-

[(SCS)] [(SHS)],
[(SPI)].

-
-

0 — ();
1 — (
2);
2 — (0,5).

-
[

(SPD)J.
8.3.92. (PFS) —
: (Ps).

: Ps 02/00 04/10.
: Ps = 0.

-
-
-

([(FF)].

:
0 — ;
1 — ;
2 — 4;
3 — 4;
4 — - ;
5 — - ;
6 — 4;

7 — 4;
8 — ^ ;
9 — - ;
10 — 4;
11 — 4;
12 — 5;
13 — 5;
14 — 4;
15 — 4.

8.3.93. (PLD) —

: (1).

: 08/11

2 04/11.

()
[(PLU)],
{ \$
(),
,
[⁰ (SPD)].

8.3.94. (PLU) —

: (1).

: 08/12

2 04/12.

,
.
® ()
[(PLD)], ,
(),
.
,
[(SPD)].

8.3.95. () —

: (1).

: 09/14

2 05/14.

07/14. 00/08 00/13 02/00
[(ST)].

8.3.96. () —
: ().
: 05/06.
: =1.

8.3.97. () —
: ().
: 02/00 05/00.
: = 1.

8.3.98. () —
: ().
: 02/00 05/02.
: =1.

8.3.99. (PPR) —
: ().
: 02/00 05/01.
: =1.

$n-$

8.3.100. () —
: (Ps).
: Ps 05/12.
: Ps = 0.

0 —

1 —

2 —

3 —

;

4 —

5 —

1

4

2, 3

0,

1.

(SPD)]

«

»

8.3.101. 1 (PU1) —

: (1).

: 09/01

2 05/01.

1

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,

,

8.3.102. 2 (PU2) -

: (1).

: 09/02

2 05/02.

2

,

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3

,

8.3.103. (QUAD) -

KA*

: (Ps . . .)

:

Ps . . 02/00 04/Qs

: Ps = o.

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(.

):

0 —

;

1 —

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2 —

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3 —

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4 —

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5 —

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;

6 —

:

[(FF)]

[(HVP)],

[(IND)]*,

[(LF)],

[(NEL)],

(),

(PPB)J,

[(PPR]

*

2 — [(KAM)J;
 3 — [
 (CRM)];
 4 — / [(IRM) J;
 5 — [(SRTM)];
 6 — [PC (ERM));
 7 — [(VEM)];
 8 — ();
 9 — ();
 10 — [
 ()];
 11 — [
 (PUM)];
 12 — / [(SRM)J;
 13 — [
 (FEAM)];
 14 — [
 (FETM)];
 15 — [
 ()});
 16 — [()];
 17 — [
 (SATM));
 18 — [(TSM)];
 19 — [
 ()});
 (. . .2.1).
 20 — /
 [/ (LF/NLM)];
 (. . .2-2)
 21 — [
 (GRCM)];
 22 — [(ZDM)].

(. . .5.5.1 . 7.4).
 8.3.108. (SACS) — -

: ().

: 02/00 05/12.

: —0.

-
-

[(SRCS)],

-

([/ (CR/LF)] [/ (NEL)]
 (.).

,

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*

,

[(SSU)].

8.3.109. (SAPV) —

-

: (Ps . . .).

: Ps . . . 02/00 05/13
 : Ps = 0.

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:

0 —

();

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1 —

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2 —

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3 —

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4 —

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;

5 —

;

4 — 180°;
5 — 225°;
6 — 270°;
7 — 315°.

, . .

,

()

.

(SPD)].

8.3.112. (SCS) —

: ().

:

02/00 06/07.

.

.

-

[(SHS)]

-

[(SPI)],

(.

).

.

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,

-

,

8.3.113. [(SSU)J.
(SD) —

: ()-

:

05/14.

: =1.

,

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-

,

, ,

,

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-

-

8.3.114.

[(SPD)].
(SEE) —

: (Ps).

:

Ps 05/01.

: Ps = 0.

.

-

0 — ;
 1 — ;
 2 — ;
 3 — ;
 4 — ;
 8 3.115 (SEF) —
 : (Ps).
 : Ps 02/00 05/09.
 : Ps —0.

0 — ;
 1 — ;
 2 — ;
 3 — ;
 4 — ;
 5 — ;
 6 — ;
 7 — ;
 8 — ;
 9 — ;
 8 3.116. (SGR) —
 : (Ps . . .).
 : Ps . . 06/13.
 : Ps = 0.

[(GRCM)].
 :
 0 — (),
 [(GRCM)].
 1 — ;
 2 — ;
 3 — ?

- 4 — ;
 5 — (150 -
) ;
 6 — (150 -
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8.3.117. (SHS) —

: (Ps).

: Ps 02/00 04/11.

: \$ = 0.

[(SPI)J [(SCS)}

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 1 — 12 25,4 ;
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 3 — 6 25,4 ;
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 5 — 9 50,8 ;*
 6 — 4 25,4 .

8.3.118. (SI) —
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27466 (2022).
7- ; 8-
[(LS0)].

8.3.119. (SL) —
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((SPD)).
8.3.120. (SLH) —
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: 02/00 05/05.

[(DL)],
[(NEL)],
[(CR)],
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(PUM)].

[(SSU)].

[(SPD) J.

8.3.121. (SLL) —

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[(PUM)].

[(SSU)].

8.3.122. [(SPD)].
(SLS) —

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[(SVS)]
[SPI]

[(SSU)].

8.3.123. () —

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4 — / [IRM)];
5 — [(SRTM)];
6 — [PC (ERM)];
7 — [(VEM)];
8 — ();
9 — ();
10 — [();
11 — [();
12 — / [(SRM)];
13 — [(FEAM)];
14 — [(FETM)];
15 — [();
16 — [(TTM)J;
17 — [(SATM)];
18 — [(TSM)];
19 — [();
20 — (. . .2.1); /
[/ / (LF/NLM)]
(. . .2.2);
21 — [(GRCM)];
22 — [(ZDM)].
(. . .5.5.1 .7.4).
8.3.124. (SO) —
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: 00/14.

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[1 (LSI)].

8.3.125. (SOH) —
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: 00/01.

28079 (1745).

8.3.126. (SOS) —
: (1).
: 09/08 2 05/08.

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[(ST)].
[(ST)].

8.3.127. (SPA) —
: (1).
: 09/06 2 05/06.

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[(GATM)],
[PC (ERM)].
[()].

8.3.128. (SPD) —
: (Ps).
: Ps 02/00 05/03.
: Ps = 0.

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[(SRS)].

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8.3.129. (*SPI*) —
: (Pn 1; 2).
: Pnl; 2 02/00 04/07.

[(SVS)] [(SLS)J
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[(SHS)] [(SCS)]
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[(SSU)].
8.3.130. (*SPQR*) —

: (Ps).
: Ps 02/00 05/08.
: Ps = 0.

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8.3.131. (SR) —
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8.3.132. $\{ \text{SRCS} \} \rightarrow \text{SPD}$.

[(SACS)]-

[/ (CR/LF)] (/ (NEL)) (.

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8.3.133. [(SSU)].
(SRS) —
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8.3.134. (SSA) —

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[(ESA)].

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8.3.135. (SSU) —

: (Ps).

: Ps 02/00 04/09.

: Ps = 0.

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 2 — COMPUTER DECIPOINT — 0,03528 (1/720 25,4);
 3 — DECIDIDOT — 0,03759 (10/266);
 4 — (MIL) — 0,0254 (1/1000 25,4);
 5 — (BMU) —
 0,02117 (1/1200 25,4);
 6 — — 0,001 ;
 7 — (PIXEL) —
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 8 — DECIPOINT — 0,03514 (35/996).

8.3.136. (SSW) —

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(CR/LF)],
(CR/FF)]

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 [(NEL)] ().

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[(SPI)], [(SHS)] [(SCS)]

8.3.137. 2 (SS2) —

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8.3.138. (SS3) ~
: (1).
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G3. , G3 -
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02/00 07/15.
8.3.139. (ST) —
: (1).
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[OSC)], [()]
[(SOS)].
8.3 140. (STAB) —
: (Ps).
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8.3.141. (STS) —
: (1).
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8.3.142. (STX) —
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8.3.143. (SU) —
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8.3.144. [(SPD)J
(SUB) —
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8.3.145. (SVS) —
: (Ps).
: Ps 02/00 04/12.
: Ps = 0.

[(SPL)] [(SLS)]
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8 — 12 30,0 ;
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8.3.146. (SYN) —

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8.3.150. ([(SPD)]. —

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8.3.151. [(TSM)].
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8.3.152. [(SPD)].
(TSR) —

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8.3.156. (VPR) —

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8.3.157. (VT) —

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8.3.158. (VTS) —

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<p>((> () () (CNL) () () (Ps...)</p> <p>(CUB) () (CUD) ()</p> <p>(CUF) () (CUP) (Pnl; 2) (CUU) () (CVT) () (NP) ()</p> <p>*</p>	<p>(CR) (), . (HP) () () () (NEL) (1) (HTS) (Cl), (TBQ) (Ps). (VTS) (1) (BS) (). () () (IND)* (1), (LF) (), (VPR). () (HPR) (), (SP) () (HVP) (Pnl; 2) (RI) (1), (VPB) () (VT) () (FF) (), (PPR) ()</p>

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[(CNL)] [(NEL)]. —
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 8- [(SR)] 28 -
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 7- 01/11 05/11
 03/02 03/08 02/00 04/01.
 8- [(DAQ)],
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 7- 01/11 05/11
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6429—88

6429—83

27463 (6429) -
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1,2	-	ESC ft	27 77	1 4D	EPSON, IBM-P;IBMG	
	12 / (Elit)					
1,3		ESC P	27 80	1 50	EPSON, 1BM-P; IBM 0	
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	12 / (Elit)					
15	-	ESC g	27103	1 67	EPSON	
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1,8		ESC	2111	IB 41	EPSON, IBM-P; IBM-G	—4
1,9		ESC	2112	IB 48	EPSON, IBM-P; IBM-G	—
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1.11	-	DU	29	14	EPSON, IBM-P, IBM-G	—
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1,12	/	ESC W	<i>inn</i>	IB 51 <i>n</i>	EPSON, IBM-P; IBM-G	=1 « - - * ; =0 «0» - -
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1,13		SI ESC SI	15 2? 15	OF IB OF	EPSON, IBM-P; IBM-G	16,5 / , 8 9 ; 11,1 / 24-
1.14		i- DC2	18	12	EPSON, IBM-P; IBM-G	—

1,15	/	ESCP	27 112	1 70»	EPSON; IBM-P; IBM G	n=l « - . ; =0 «0» - .	34.301—91
1.16	.	ESC 4	27 52	IBM	EPSON; IBM-G		
1.17	.	ESCH	27 53	1 35	EPSON; IBM-G	" _1	
1.18	/	ESC-	2? 45»	IB 2D	EPSON; IBM-P; IBM-G	=1 <1> - . ; =0 «0» - .	
1,19	/	ESC.	2195»	IB 5F	IBM-P	=1 « - . ; =0 «0» - .	

			5*	-	
1.20	ESC S	27 83 »	] 53	EPSON; IBM-P; IBM(i	=0 «0» - . =1 «|»-
1.21	ESCT	27 84	IB54	EPSON; IBM-P	— *
1.22	ESC	21 120	1 78	EPSON; IBM-P; IBM-G	=0 «0» - . ; =1 « - .
1.23	ESC I	27 73 »	1 4	IBM-P	=0 4 - - ; =2 «2» - . ; =4 «4» - . ; =6 «6» - .

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1,24 / .	ESC U	27 85	1 55»	EPSON; 1 - ; IBM-G	n=0 «0» - . ; »=1 « - .
1,25 (.)	ESC <	27 60	1	EPSON; IBM-P; IBM-G	
1,26 .	ESCSP	27 32	[20	EPSON	* - /120 , =0—127
1,27 / .	ESC V	27 119	1 77	EPSON	=1 « ~ - ; »-0 «0» - *
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2.1	LF	10		EPSON; IBM-P; IBM-G	

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22	ESC J	27 74	IB 4	EPSON, IBM-P; IBM-G	-
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2,3	ESC j	27 106	IB 6	EPSON, IBM-P; IBM-G	22
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24	ESCN	27 78	IB 4	EPSON, IBM-P; IBM-G	=0-127 -
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25	ESCO	27 79	IB 4F	EPSON; IBM-P; IBM-G	

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2.6	-	ESC 0	27 48	1 30	EPSON; IBM-P; IBM-G
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2.7	-	ESC1	27 49	<i>mi</i>	EPSON; IBM-P; IBM-G
7/ 2					
2.8	-	ESC 2	27 50	1 32	EPSON
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2.9	-	ESC3	2151		EPSON; IBM-P; IBM-G
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2.10	-	ESC	27 65	1 41	EPSON
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215		BS	8	08	EPSON, IBM , IBM-G
215	-	ESC 8	27 56	1 38	EPSON
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217	-	ESC 9	27 57	1 39	EPSON, IBM P, IBM
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3,					
3.1		ESC	27 67	1 43	EPSON, IBM-P, IBM-G
32		ESC	27 67 9 »] 43 00	EPSON, IBM-P, IBMQ
33		ESC 4	27 52	1 34	IBMP
34	-	\$	27108	1 6	EPSON, IBM P, IBM-G
35		ESC Q	27 81	1 51	EPSON; IBM-G
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3.6	*	ESC X	27 88 nl 2	1 58 1 2	EPSON; IBM-P; IBM-G	nl - ; -
3.7	-	ESC D	27 68 nl.i0	IBM u00	EPSON; IBM-P; IBM-G	=1-255 , -4, 32
3.8	-	ESC DO	27 68 0	1 44 00	EPSON; IBM-P; IBM-G	
3.9	,	ESC B	27 66	42 00	EPSON; IBM-P; IBM-G	ui=l—255 , -16 EPSON; -64 IBM
3.10	-	ESC BO	27 66 0	1 42 00	EPSON; IBM-P; IBM-G	
3.11	- -	ESC/	27 47	IB 2F	EPSON; IBM-P; IBM-G	=0—7 — -
3.12	- -	ESC b	27 98 m 0	1 62 n!...d 00	EPSON; IBM-P; IBM-G	=0—7 — - ; -1—255; -16

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3,13	-	ESC	27 88 0	1 62 «100	EPSON; IBM-P; IBM-G
3,	-	ESC	27 101	IB 65	EPSON; IBM-P; IBM-G
3.15	-	ESC R	27 82	1 52	IBM-P
3.15	-		9	09	EPSON; IBM-P; IBM-G
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4,2		DCI	17	11	EPSON; IBM-P; IBM-G
4.3	-	DC3	19	13	EPSON; IBM-G
4,4	-	ESC Q	27 81	IB 51 <i>it</i>	IBM-P
4.5	-	DEL	127	7F	EPSON; IBM-P; IBM-G
4,6		ESC =	27 61	IB 3D	EPSON; IBM-G

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41		ESC>	27 62	1 1	EPSON, IBP; IBM-G
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8,4		ESC	27 92 «1 «2	1B5C»1 «2	IBM-P	1+ 2 256 - -		
55	-	ESC	27 94 b	IB 5E	IBM-P	-		
56	-	ESC t	27 116 »	IB 74	EPSON	n=0~ -		
						, n=l - -		
						1, 128—255		
57	- 8	ESC*	27 42 m el A	IB 2Auul»2	EPSON, IBM-P, IBM-G	(80-FF) fn- - -		
						, 23, (1+ 2 256) - -		
58	- 9	5	27 94 m nl «2	1B5Eij u»1»2	EPSON, IBM-G	5.7		
59	-	ESC?	27 63 n m	IB 3F»m	EPSON; IBM-P, IBM-G	/ =0-7 - - (57), = , 1 , Z- -) ESC		34.301— 1 1
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510	- 8	ESC	27 75 ! «2	1 4 1 2 EPSON, IBP, it

(»1+ 2 256) - -

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513	- 8	ESCZ	27 96 nl 2	1 5 1 2 EPSON, 1 , 1BMG
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6.1	-	ESC&	27 64	1 40	EPSON; IBM-P; IBM-G
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6.3	/	-	ESC 5	27 53 »	1 35 IBM-P
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6.5	ESC	27 114	1 72	EPSON	=0-7 - . , =0 - ; =1 - ; ~2 - ; / =3 - ; / =4 - ; «=5 - ; =6 - ; =7 -

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1.

, 24.

24

(IRM)	(INSERTION REPLACEMENT MODE)	7.2.9
(GRCM)	(GRAPHIC RENDITION COMBINATION MODE)	7.2.7
()	(EDITING BOUNDARY MODE)	.2
(PUM)	(POSITIONING UNIT MODE)	7.2.13
()	(TRANSFER TERMINATION MODE)	7.2.18
(ZDM)	(ZERO DEFAULT MODE)	7.2.20
(TSM)	(TABULATION STOP MODE)	7.2.17
	-	7.2 4
(SATM)	(SELECTED AREA TRANSFER MODE)	7.2.12
()	(MULTIPLE AREA TRANSFER MODE)	7,2.15
(SRM.)	(SEND/RECE1VER MODE)	: 2
/	/ -	
(LF/NLM)	(LINE FEED/NEW LINE MODE)	7.2.6
	-	
(GATM)	(GUARDED AREA TRANSFER MODE)	7.2.16
(SRTM)	(STATUS REPORT TRANSFER MODE)	7.2.1
(CRM)	(CONTROL REPRESENTATION MODE)	

. 24

(FETM) (ERM)	(FORMAT EFFECTOR TRANSFER MODE) (ERASURE MODE)	7.2.5
()	(KEYBOARD ACTION MODE)	7.2.10
()	(CHARACTER EDITING MODE)	7.2.8
(VEM)	(LINE EDITING MODE)	7.2.19
(FEAM) PC	(FORMAT EFFECTOR ACTION MODE)	7.2.4
(ERM)	(ERASURE MODE)	7.2.3

2.

. 25.

2 5

()	(CHARACTER POSITION ABSOLUTE)	8.3.58
(VPA)	(LINE POSITION ABSOLUTE)	8.3 154
()	(PAGE POSITION ABSOLUTE)	8.3.97
API	(DATA LINK ESCAPE)	8.3.34
(DLE) 2	ESCAPE	8.3.49
(ESC)	(DEVICE ATTRIBUTES)	8.3.24
(DA)	(SELECT ALTERNATIVE PRESENTATION VARIANTS)	8.3.109
(SAPV)	(SELECT EDITING EXTENT)	8.3.114
(SEE)		

		,
(SHS)	(SELECT CHARACTER SPACING)	8.3.117
(SVS)	(SELECT LINE SPACING)	8.3.145
(CR)	(CARRIAGE RETURN)	8.3 5
(SPQR)	(SELECT PRINT QUALITY AND RAPIDITY)	8.3 J 30
(FNT)	(FONT SELECTION)	8.3.54
	-	8.3.128
(SPD)	(SELECT PRESENTATION DIRECTIONS)	
(SSU)	(SELECT SIZE UNIT)	8.3.135
(GSS)	(GRAPHIC SIZE SELECTION)	8.3.57
(ICH)	(INSERT CHARACTER)	8.3.65
	-	8.3.116
(SGR)	(SELECT GRAPHIC RENDITION)	
(IL)	(INSERT LINE)	8.3.68
(VT)	(LINE TABULATION)	8.3.157
(PFS)	(PAGE FORMAT SELECTION)	8.3.92
(SI)	(SHIFT-IN)	8.3.118
(S)	(BACKSPACE)	8.3.5
(SSW)	(SELECT SPACE WIDTH)	8.3.136
(JFY)	(JUSTIFY)	8.3.74
(SO)	(SHIFT-OUT)	8.3.124
	-	8.3.64
(HVP)	(CHARACTER AND LINE POSITION)	

		,
		8.3 56
(GSM)	(GRAPHIC SIZE MODIFICATION)	8 3 134
(SSA)	(START OF SELECTED ARE A)	8 3 85
(NAK)	(NEGATIVE ACKNOWLEDGE)	8 3 125
(SON)	(START OF HEADING)	8 3 133
(SRS)	(START REVERSED STRING)	8 3 87
(NEL)	(NEXT LINE)	8 3.127
(SPA)	(START OF QUARDED AREA)	8 3 142
(STX)	(START OF TEXT)	8 3 126
(SOS)	(START OF STRING)	8 3 25
(DAQ)	(DEFINE AREA QUALIFICATION)	8 3 105
(RI)	(REVERSE LINE FEED)	8 3 84
(MW)	(MESSAGE WAITING)	8.3 6
(CAN)	(CANCEL)	838
(CCH)	(CANCEL CHARACTER)	8 3 76
(LSO)	(LOCKING-SHIFT ZERO)	8 3 77
1		8 3 79
(LSI)	(LOCKING-SHIFT ONE)	8 3 81
2		83 14
(LS2)	(LOCKING-SHIFT TWO)	8 3 137
(LS3)	(LOCKING-SHIFT THREE)	
(CPR)	(ACTIVE POSITION REPORT)	
2		
(SS2)	(SINGLE-SHIFT TWO)	

	!!	8.3 38
(SS3)	(SINGLE-SHIFT THREE)	8.3.129
(SP1)	(SPACING INCREMENT)	8.3.21
(CUP)	(CURSOR POSITION)	8.3.104
(REP)	(REPEAT)	8.3.78
1		8 3.80
(LS1R)	(LOCKING-SHIFT ONE RIGHT)	8.3.82
2		8.3.69
(LS2R)	(LOCKING-SHIFT TWO RIGHT)	8.3.143
(LS3R)	(LOCKING-SHIFT THREE RIGHT)	83.119
(JNT)	(INTERRUPT)	8.3.113
(SU)	(SCROLL UP)	83.131
(SL)	(SCROLL LEFT)	8.3.91
(SD)	(SCROLL DOWN)	8.3.75
(SR)	(SCROLL RIGHT)	8.3.156
()	(PRESENTATION EXPAND OR CONTRACT)	8.3.155
(LF)	(LINE FEED)	8.3 96
(VPR)	(LINE POSITION FORWARD)	8,3.99
(VPB)	(LINE POSITION BACKWARD)	8 3 98
()	(PRECEDING PAGE)	8,3.10Q
(PPR)	(PAGE POSITION FORWARD)	
(PPB)	(PAGE POSITION BACKWARD)	
()	(PARALLEL TEXTS)	

		,
(NUL)	(NULL)	8.3.89
(FF)	(FORM FEED)	8.3.52
1		8.3.70
(IS1)	(INFORMATION SEPARATOR ONE)	
2		8.3.71
(IS2)	(INFORMATION SEPARATOR TWO)	
		8.3.72
(IS3)	(INFORMATION SEPARATOR THREE)	
4		8.3.73
(IS4)	(INFORMATION SEPARATOR FOUR)	
		8.3.11
(CMD)	(CODING METHOD DELIMITER)	
		8.3,4
()	(BREAK PERMITTED HERE)	
		8.3.44
(EMI)	(ENABLE MANUAL INPUT)	
		8.3.37
(DTA)	(DIMENSION TEXT AREA)	
		8.3.146
(SYN)	(SYNCHRONOUS IDLE)	
		8.3.88
(NP)	(NEXT PAGE)	
		8 3.140
(STAB)	(SELECTIVE TABULATION)	
		8.3.106
(RIS)	(RESET INITIAL STATE)	
		8.3.38
()	(ERASE IN AREA)	
		8.3.41
(EF)	(ERASE IN FILD)	
		8.3.107
(RM)	(RESET MODE)	
		8.3.39
()	(ERASE CHARACTER)	
		8.3 93
(PLD)	(PARTIAL LINE FORWARD)	
		8.3.42
(EL)	(ERASE IN LINE)	

(PLU)	(PARTIAL LINE BACKWARD)	8.3 91
(ED)	(ERASE IN PAGE)	8 3 43
()	(TABULATION CLEAR)	8 3 150
(TSS)	(THIN SPACE SPECIFICATION)	8 3 153
(DSR)	(DEVICE STATUS REPORT)	8 3 36
1		8 3 28
(DC1)	(DEVICE CONTROL ONE)	8 3.29
2		8 3.30
(DC2)	(DEVICE CONTROL TWO)	8 3.31
(DC3)	(DEVICE CONTROL THREE)	8 3.148
4		8 3.149
(DC4)	(DEVICE CONTROL FOUR)	8.3.139
(TALE)	(TABULATION ALIGNED LEADING EDGE)	8.3 151
()	(TABULATION ALIGNED TRAILING EDGE)	8 3.147
(ST)	(STRING TERMINATOR)	8.3.158
()	(TABULATION CENTRED ON CHARACTER)	8.3.63
()	(TABULATION ALIGNED CENTRED)	.
(VTS)	(LINE TABULATION SET)	
(HTS)	(CHARACTER TABULATION SET)	
(HTSA)	(CHARACTER TABULATION SET ABSOLUTE)	
(SACS)	(SET ADDITIONAL CHARACTER SEPARATION)	8,3.108

. 25

		8.3.110
(SCI)	(SINGLE CHARACTER INTRODUCER)	8.3.61
()	(CHARACTER TABULATION)	8.3.62
	-	
(HTJ)	(CHARACTER TABULATION WITH JUSTIFICATION)	8.3.16
(CSI)	(CONTROL SEQUENCE INTRODUCER)	8.3.1
()	(ACKNOWLEDGE)	8.3.32
(DEL)	(DELETE)	8.3.3
(BEL)	(BELL)	8.3.144
(SUB)	(SUBSTITUTE)	8.3.60
(HPR)	(CHARACTER POSITION FORWARD)	8 3.59
()	(CHARACTER POSITION BACKWARD)	8 3 86
NBH	(NO BREAK HERE)	8 3.35
(DMI)	(DISABLE MANUAL INPUT)	8.3.67
	-	
(IGS)	(IDENTIFY GRAPHIC SUBREPERTOIRE)	.
(IND)	(INDEX)	8.3.66
	-	
(IDCS)	(IDENTIFY DEVICE CONTROL STRING)	8.3.9
()	(CURSOR CHARACTER ABSOLUTE)	8.3.50
()	(END OF TRANSMISSION BLOCK)	

	*	8.3.48
(ESA)	(END OF SELECTED AREA)	8.3.10
()	(CURSOR FORWARD TABULATION)	8.3.103
(QUAD)	(QUAD)	8 3.55
	-	
(GCC)	(GRAPHIC CHARACTER COMPO ^s ITION)	8.3.43
()	(END OF MEDIUM)	8.3.12
(CNL)	(CURSOR NEXT LINE)	8.3.7
	?	
		8.3.83
()	(MEDIA COPY)	8.3.90
(OSC)	(OPERATING SYSTEM COMMAS ⁰)	8.3.46
(EOT)	(END OF TRANSMISSION)	8 3.2
()	(APPLICATION PROGRAM COMMAND)	8.3.13
(CPL)	(CURSOR PRECEDING LINE)	8.3.47
()	(END OF GUARDED AREA)	8.3.23
(CVT)	(CURSOR LINE TABULATION)	8.3.51
()	(END OF TEXT)	8.3.45
	?	
(ENQ)	(ENQUIRY)	8.3.22
(CUU)	(CURSOR UP)	8.3.18
(CUB)	(CURSOR LEFT)	8.3.19
(CUD)	(CURSOR DOWN)	8.3.20
(CUF)	(CURSOR RIGHT)	

		,
(SCS)	(SET CHARACTER SPACING)	8,3.112
(SLS)	(SET LINE SPACING)	8.3.122
(SLL)	(SET LINE LIMIT)	8.3.121
(SLN)	(SET LINE HOME)	8.3.120
(SCO)	(SET CHARACTER ORIENTATION)	8,3.111
(TSR)	(TABULATION STOP REMOVE)	8.3.152
(SEF)	(SHEET EJECT AND FEED)	8.3.115
(SM)	(SET MODE)	8,3.123
(DCH)	(DELETE CHARACTER)	8.3,26
(DL)	(DELETE LINE)	8.3.33
(STS)	(SET TRANSMIT STATE)	8,3.141
()	(CURSOR TABULATION CONTROL)	8.3.17
	-	8.3.132
(SRCS)	(SET REDUCED CHARACTER SEPARATION)	8,3,27
(DCS)	(DEVICE CONTROL STRING)	8.3.53
(FNK)	(FUNCTION KEY)	8.3.101
1	(PRIVATE USE ONE)	8.3.102
2	(PRIVATE USE TWO)	8,3.95
()	(PRIVACY MESSAGE)	

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2. -
28.12.91 2288
6429—88 « -
7- 8-
» 1 « -
() -
» 2
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3. — 1997 ., — 5
- 4.
5. -

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27463—87 27466—87	646—83 2022—86	3; ; .2.2 1.1; 3; 5.4; 8.3 1; 8.3.49; 8.3.66; 8.3.76; 8.3.77; 8.3.79; 8,3,80; 8.3.81; 8.3.82;-8.3 18; 8.3.124; 9;
28079—89	1155—78, 1177—85, 1745—75, 2111—85, 2628—73. 2629—73	3; 8.3 ; 8.3.34; 8.3.45; 8.3.46; 8.3.50; 8.3.51; 8.3.85:8.3.125; 8.3.142; 8.3 46
—	2375—85*	3; 5.6
—	6937—83*	3; 8.2.10; 8.3,67
—	7350—84*	3; 8.3.67
	8613/6—89*	3; 8.3.140
	.61—84*	3

*

1.	.....	1
2.	.....	2
2.1.	.....	2
2.2.	.....	3
2.3.	.....	3
3.	.....	4
4.	.....	5
4.1.	.....	5
4.2.	.....	5
5.	.....	9
5.1.	.....	9
5.2.	.....	9
5.3.	.....	9
5.4.	1.....	10
5.5.	.....	11
5.6.	.....	15
5.7.	.....	16
6	.....	16
6.1.	.....	16
6.2.	.....	17
6.3.	.....	17
6.4.	.....	18
6.5.	.....	19
6.6.	.....	21
7.	.....	21
7.1.	.....	21
7.2.	.....	21
7.3.	.....	29
7.4.	.....	31
8	.....	31
8.1.	.....	31
8.2.	.....	32
8.3.	.....	45
9.	7- 8-	96
.	.....	98
.	.....	100
.	101
D.	102
.	6429—88	
1.	6429—83 () -	
2.	105
	126
	136

13 02 92 19 05 92 579 8,5 - 8,75 - 10,08

» , 123840, , ,
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, 250, *. 506