

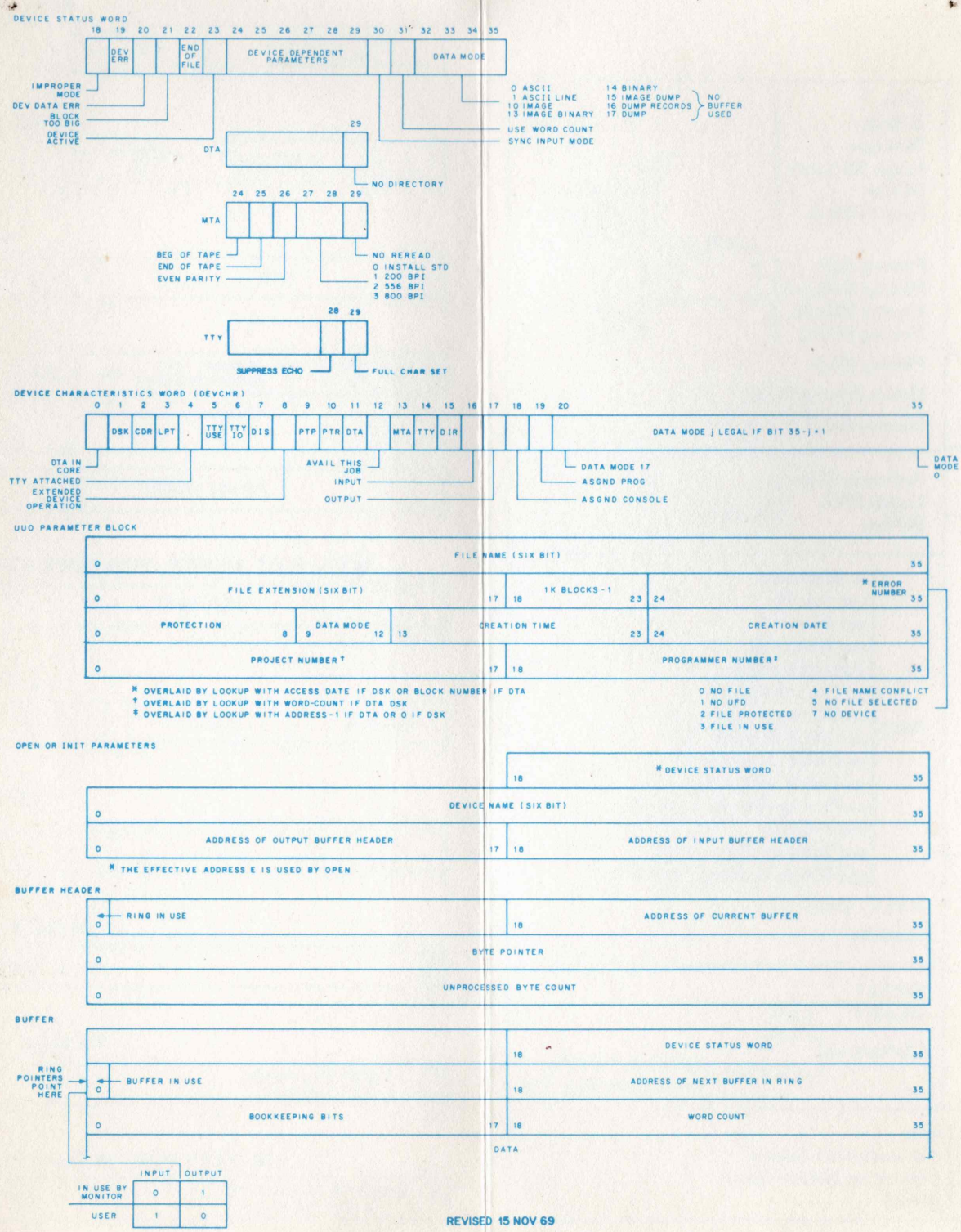
INSTRUCTION CODES

MONITOR SYSTEM DATA FORMATS

Top

	--0	--1	--2	--3	--4	--5	--6	--7
00	(ILLEGAL)							
01								
02								
03								
04	CALL	INIT	LEFT FOR	SPECIAL	MONITORS			CALLI
05	OPEN	TTCALL	RESERVED FOR DEC	RENAME	IN			OUT
06	SETSTS	STATO	GETSTS	STATZ	INBUF	OUTBUF	INPUT	OUTPUT
07	CLOSE	RELEASES	MTAPE	UGETF	USETI	USETO	LOOKUP	ENTER
10	UFA	DFN	FSC	IBP	ILDB	LDB	IDPB	DPB
11								
12								
13	FAD	-L	-M	-B	FADR	-I	-M	-B
14	FSB	-L	-M	-B	FSBR	-I	-M	-B
15	FMP	-L	-M	-B	FMPR	-I	-M	-B
16	FDV	-L	-M	-B	FDVR	-I	-M	-B
17								
20	MOVE	-I	-M	-S	MOV5	-I	-M	-S
21	MOVN	-I	-M	-S	MOVNM	-I	-M	-S
22	IMUL	-I	-M	-B	MUL	-I	-M	-B
23	IDIV	-I	-M	-B	DIV	-I	-M	-B
24	ASH	ROT	LSH	JFFO	ASHC	ROTC	LSHC	
25	EXCH	BLT	AOBJP	AOBJN	JRST	JFCL	XCT	
26	PUSHJ	PUSH	POP	POPJ	JSR	JSA	JRA	
27	ADD	-I	-M	-B	SUB	-I	-M	-B
30	CAI	-L	-E	-LE	-A	-GE	-N	-G
31	CAM	-L	-E	-LE	-A	-GE	-N	-G
32	JUMP	-L	-E	-LE	-A	-GE	-N	-G
33	SKIP	-L	-E	-LE	-A	-GE	-N	-G
34	AOJ	-L	-E	-LE	-A	-GE	-N	-G
35	AOS	-L	-E	-LE	-A	-GE	-N	-G
36	SOJ	-L	-E	-LE	-A	-GE	-N	-G
37	SOS	-L	-E	-LE	-A	-GE	-N	-G
40	SETZ	-I	-M	-B	AND	-I	-M	-B
41	ANDCA	-I	-M	-B	SETM	-I	-M	-B
42	ANDCM	-I	-M	-B	SETA	-I	-M	-B
43	XOR	-I	-M	-B	IOR	-I	-M	-B
44	ANDCB	-I	-M	-B	EQV	-I	-M	-B
45	SETCA	-I	-M	-B	ORCA	-I	-M	-B
46	SETCM	-I	-M	-B	ORCM	-I	-M	-B
47	ORCB	-I	-M	-B	SETO	-I	-M	-B
50	HLL	-I	-M	-S	HRL	-I	-M	-S
51	HLLZ	-I	-M	-S	HRLZ	-I	-M	-S
52	HLL0	-I	-M	-S	HRL0	-I	-M	-S
53	HLL	-I	-M	-S	HRL	-I	-M	-S
54	HRR	-I	-M	-S	HLR	-I	-M	-S
55	HRRZ	-I	-M	-S	HLRZ	-I	-M	-S
56	HRR0	-I	-M	-S	HLR0	-I	-M	-S
57	HRR	-I	-M	-S	HLR	-I	-M	-S
60	TRN	TLN	TRNE	TLNE	TRNA	TLNA	TRNN	TLNN
61	TDN	TSN	TDNE	TSNE	TDNA	TSNA	TDNN	TSNN
62	TRZ	TLZ	TRZE	TLZE	TRZA	TLZA	TRZN	TLZN
63	TDZ	TSZ	TDZE	TSZE	TDZA	TSZA	TDZN	TSZN
64	TRC	TTC	TRCE	TTC	TRCA	TTC	TRCN	TTC
65	TDC	TSC	TDC	TSC	TDC	TSC	TDCN	TSCN
66	TRO	TLO	TROE	TLOE	TROA	TLOA	TRON	TLO
67	TDO	TDO	TDOE	TDOE	TDOA	TDOA	TDON	TDO

7--00-BLKI the device number is inserted in bits 3 to 9 of each I/O instruction.  
 7--04-DATAI  
 7--10-BLKO  
 7--14-DATAO  
 7--20-CONO  
 7--24-CONI  
 7--30-CONSE  
 7--34-CONSO

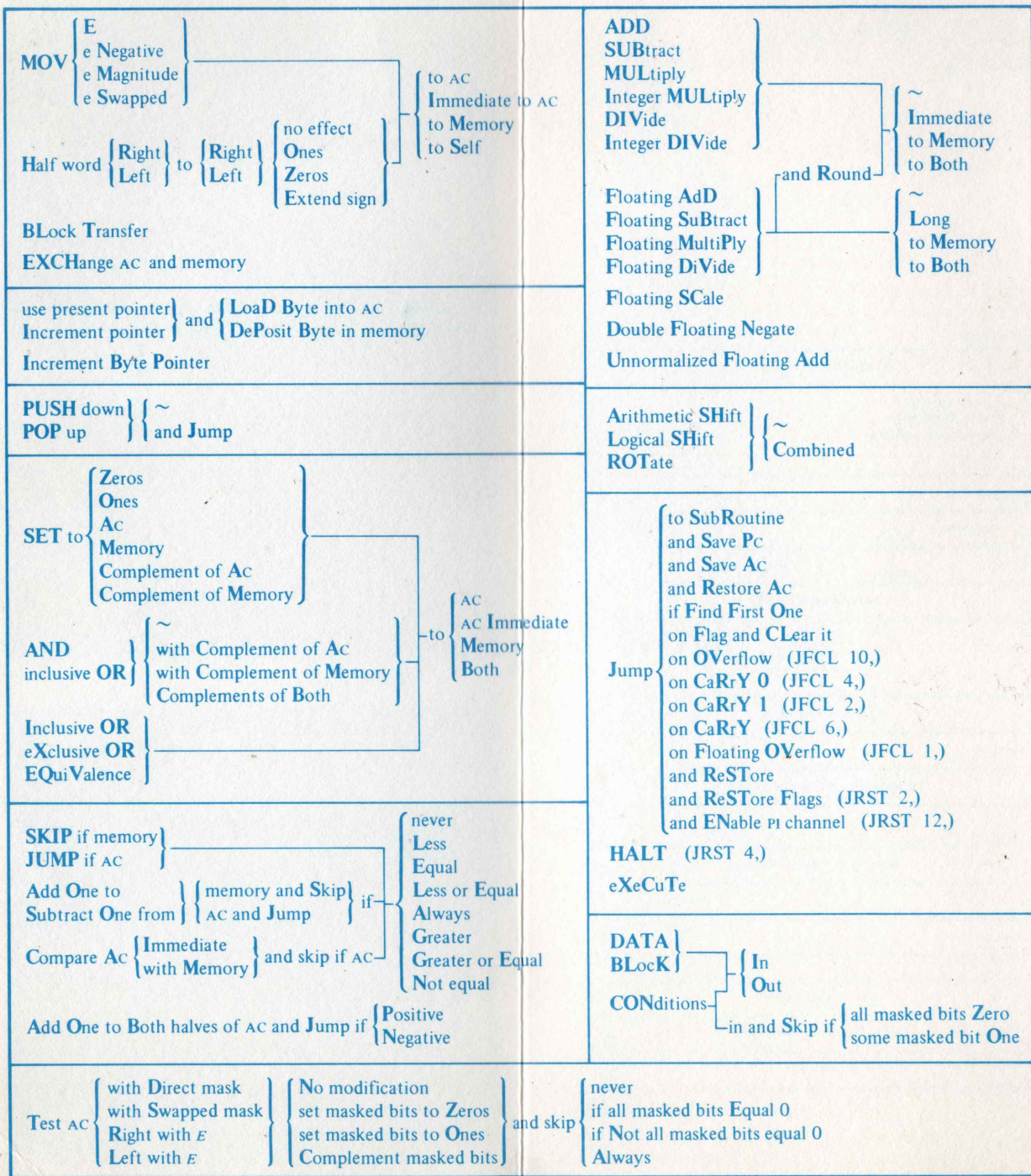


digital  
 pdp10  
 REFERENCE CARD

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MOVSI T, MTTYLN ;LENGTH OF
SKIPL DEVDAT, TTYTAB(
AOBJN T, .-1
JUMPG T, COM2 ;NONE FOUR
HRRZS TTYTAB(T) ;NO, CLEAR
MOVSI DAT, 440700 ;FORM OUT
ADDI DAT, TTYBUF(DEV DAT)
MOVE TAC, DAT ;SAME AS
PUSHJ PDP, CTEXT ;RETURN C
JUMPE TAC1, COM2 ;IGNORE H
MOVSI T, -DISPL ;SEARCH F
CAME TAC1, COMTAB(T)
AOBJN T, .-1
LDB ITEM, JPOINT ;GET JOB
JUMPN ITEM, COM1 ;HAS A JO
MOVSI ITEM, MJOBN ;NO, SEARCH
AOBJN ITEM, .+1 ;SKIP NULL
    
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INSTRUCTION LIST



WORD FORMATS  
BASIC INSTRUCTIONS

