

Mc Gee

TO: MULTICS DISTRIBUTION

SUBJECT: 645 MNEMONICS

Guy Ziegler has pointed out to *me* that the 635 Mnemonics, which have been discontinued on the 645, were not deleted from the chart distributed as B0017. The attached is a reissue of B0017 with the four discontinued Mnemonics circled.

October 15, 1965

80117

GE-645 Mnemonics and Operation Codes



	000	001	002	003	004	005	006	007	010	011	012	013	014	015	016	017
000																
020	ADLX0	MME ADLX1	DRL ADLX2	ADLX3	MME2 ADLX4	MME3 ADLX5	ADLX6	MME4 ADLX7	ADBO	NØP	ADL	ADL	ADLA	ADLQ	ADLAQ	
040	ASX0	ASX1	ASX2	ASX3	ASX4	ASX5	ASX6	ASX7	ADB0	ADB1	ADB2	ADB3	ASAS	ASQ		
060	ADX0	ADX1	ADX2	ADX3	ADX4	ADX5	ADX6	ADX7	ADB0	AWCA	AWCQ	LREG	ADA	ADQ	ADAQ	
100	CMPX0	CMPX1	CMPX2	CMPX3	CMPX4	CMPX5	CMPX6	CMPX7		CWL			CMPA	CMPQ	CMPAQ	
120	SBLX0	SBLX1	SBLX2	SBLX3	SBLX4	SBLX5	SBLX6	SBLX7	ADB4	ADB5	ADB6	ADB7	SDBR	SBLQ	SBLAQ	
140	SSX0	SSX1	SSX2	SSX3	SSX4	SSX5	SSX6	SSX7		SWCA	SWCQ	LDB	SBA	SSQ	ZAM	
160	SBX0	SBX1	SBX2	SBX3	SBX4	SBX5	SBX6	SBX7						SBQ	SBAQ	
200	CNAX0	CNAX1	CNAX2	CNAX3	CNAX4	CNAX5	CNAX6	CNAX7		CMK			CNAA	CNAQ	CNAAQ	
220	LDX0	LDX1	LDX2	LDX3	LDX4	LDX5	LDX6	LDX7	LBAR		LDBR	RMC	LDA	LDQ	LDAQ	
240	ØRSX0	ØRSX1	ØRSX2	ØRSX3	ØRSX4	ØRSX5	ØRSX6	ØRSX7	SIP0	SIP1	SIP2	SIP3	ØRSA	ØRSQ	ØRAQ	
260	ØRX0	ØRX1	ØRX2	ØRX3	ØRX4	ØRX5	ØRX6	ØRX7	TSB0	TSB1	TSB2	TSB3	ØRA	ØRQ	ØRAQ	
300	CANX0	CANX1	CANX2	CANX3	CANX4	CANX5	CANX6	CANX7	EAB0	EAB1	EAB2	EAB3	CANA	CANQ	CANAQ	
320	LCX0	LCX1	LCX2	LCX3	LCX4	LCX5	LCX6	LCX7	EAB4	EAB5	EAB6	EAB7	LCA	LCQ	LCAQ	
340	ANSX0	ANSX1	ANSX2	ANSX3	ANSX4	ANSX5	ANSX6	ANSX7	EAP0	EAP1	EAP2	EAP3	ANSA	ANSQ	STCD	
360	ANX0	ANX1	ANX2	ANX3	ANX4	ANX5	ANX6	ANX7	EAP4	EAP5	EAP6	EAP7	ANA	ANQ	ANAQ	
400	MPF	MPY				CMG			LDE				ADE			
420	UFM	SXL1	SXL2	DUFM	SXL4	FCMG	SXL6	DFCMG	FZSN	FLD		DEL	UFA		DUFA	
440	SXLO	SXL1	SXL2	SXL3	SXL4	SXL5	SXL6	SXL7	STZ	SMIC		SMFP	FST	STE	DFST	
460	FMP			DFMP									FAD		DFAD	
500	RPL					BCD	DIV	DVF	LDCF	NEG	LDCF	FNEG	FCMP		DFCMP	
520	RPT					FDI	SBR6	DFDI	CAM	NEGL	CAM	NEGL	UFS		DUFSS	
540	SBRO	SBR1	SBR2	SBR3	SBR4	SBR5	SBR6	SBR7	SBAR	STBA	STBQ	SMCM	STC1		SAM	
560	RPD					FDV		DFDV				FNO	FSB		DFSB	
600	TZE	TNZ	TNC	TRC	TMI	TPL		TTF	RTCD			RCU	TEU		TØV	
620	EAX0	EAX1	EAX2	EAX3	EAX4	EAX5	EAX6	EAX7	RET			RMFP	EAA	EAQ	LDT	
640	ERSX0	ERSX1	ERSX2	ERSX3	ERSX4	ERSX5	ERSX6	ERSX7	SIP4	SIP5	SIP6	SIP7	ERSA	ERSQ	SCU	
660	ERX0	ERX1	ERX2	ERX3	ERX4	ERX5	ERX6	ERX7	TSB4	TSB5	TSB6	TSB7	ERA	ERQ	ERAQ	
700	TSX0	TSX1	TSX2	TSX3	TSX4	TSX5	TSX6	TSX7	TRA				TSS	XEC	XED	
720	LXLO	LXL1	LXL2	LXL3	LXL4	LXL5	LXL6	LXL7	STC2	ARS	QRS	LRS	ALS	QLS	LLS	
740	STX0	STX1	STX2	STX3	STX4	STX5	STX6	STX7	STC2	STCA	STCQ	SREG	STI	STQ	STAQ	
760	LBR0	LBR1	LBR2	LBR3	LBR4	LBR5	LBR6	LBR7	ARL	ARL	QRL	LRL	ALR	QLR	LLR	
000																

GE-645 Mnemonics and Operation Codes



COMPUTER DEPARTMENT

000	001	002	003	004	005	006	007	010	011	012	013	014	015	016	017
000	MME	DRL	ADLX3	MME2	MME3	ADLX6	MME4	ADBO	NØP	ADL	ADL	ADLA	ADLA	ADLQ	ADLAQ
020	ADLX0	ADLX1	ADLX2	ADLX4	ADLX5	ADLX6	ADLX7								
040	ASX0	ASX1	ASX2	ASX4	ASX5	ASX6	ASX7								
060	ADX0	ADX1	ADX2	ADX4	ADX5	ADX6	ADX7								
100	CMPX0	CMPX1	CMPX2	CMPX3	CMPX4	CMPX5	CMPX6	CMPX7	CWL						
120	SBLX0	SBLX1	SBLX2	SBLX3	SBLX4	SBLX5	SBLX6	SBLX7							
140	SSX0	SSX1	SSX2	SSX3	SSX4	SSX5	SSX6	SSX7							
160	SBX0	SBX1	SBX2	SBX3	SBX4	SBX5	SBX6	SBX7							
200	CNAX0	CNAX1	CNAX2	CNAX3	CNAX4	CNAX5	CNAX6	CNAX7	CMK						
220	LDX0	LDX1	LDX2	LDX3	LDX4	LDX5	LDX6	LDX7							
240	ØRSX0	ØRSX1	ØRSX2	ØRSX3	ØRSX4	ØRSX5	ØRSX6	ØRSX7							
260	ØRX0	ØRX1	ØRX2	ØRX3	ØRX4	ØRX5	ØRX6	ØRX7							
300	CANX0	CANX1	CANX2	CANX3	CANX4	CANX5	CANX6	CANX7							
320	LCX0	LCX1	LCX2	LCX3	LCX4	LCX5	LCX6	LCX7							
340	ANSX0	ANSX1	ANSX2	ANSX3	ANSX4	ANSX5	ANSX6	ANSX7							
360	ANX0	ANX1	ANX2	ANX3	ANX4	ANX5	ANX6	ANX7							
400	MPF	MPY			CMG				LDE						
420	UFM	SXL2	DUFM	SXL4	FCMG	SXL6	DFCMG	FSZN	FLD	DFLD					
440	SXL0	SXL1	SXL3	SXL4	SXL5	SXL6	SXL7	STZ	SMIC	SMFP					
460	FMP		DFMP												
500	RPL				BCD	DIV	DVF		NEG	LDCF	FNEG	FCMP	FCMP	DFCMP	DFCAMP
520	RPT				FDI	SBR6	DFDI	SBR7	STBA	CAM	NEGL	UFS	UFS	DUF5	DUF5
540	SBRO	SBR1	SBR3	SBR4	SBR5	SBR6	SBR7	SBR7		STBQ	SMCM	STC1	STC1	SAM	SAM
560	RPD				FDV		DFDV	DFDV			FNO	FSB	FSB	DFSB	DFSB
600	TZE	TNZ	TNC	TRC	TPL		TTF	RTCD							
620	EAX0	EAX1	EAX2	EAX3	EAX4	EAX5	EAX7	RET							
640	ERSX0	ERSX1	ERSX2	ERSX3	ERSX4	ERSX5	ERSX7	STP4							
660	ERX0	ERX1	ERX2	ERX3	ERX4	ERX5	ERX7	TSB4							
700	TSX0	TSX1	TSX2	TSX3	TSX4	TSX5	TSX7	TRA							
720	LXLO	LXL1	LXL2	LXL3	LXL4	LXL5	LXL7								
740	STX0	STX1	STX2	STX3	STX4	STX5	STX7								
760	LBR0	LBR1	LBR2	LBR3	LBR4	LBR5	LBR7								
800															
000															