

*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	ADLX0	MME	DRL	ADLX3	MME2	MME3	ADLX6	MME4	ADBO	NØP	ADL	ADL3	ADLA	ADLQ	ADLAQ	
020	ASX0	ADLX1	ADLX2	ASX3	ADLX4	ADLX5	ASX6	ADLX7	ADB0	ADB1	ADB2	ADB3	ASA	ASQ		
040	ASX0	ASX1	ASX2	ASX3	ASX4	ASX5	ASX6	ASX7	ADB0	ADB1	ADB2	ADB3	ASA	ASQ		
060	ADX0	ADX1	ADX2	ADX3	ADX4	ADX5	ADX6	ADX7	ADBO	ADB1	ADB2	ADB3	ASA	ASQ		
100	CMPX0	CMPX1	CMPX2	CMPX3	CMPX4	CMPX5	CMPX6	CMPX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
120	SBLX0	SBLX1	SBLX2	SBLX3	SBLX4	SBLX5	SBLX6	SBLX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
140	SSX0	SSX1	SSX2	SSX3	SSX4	SSX5	SSX6	SSX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
160	SBX0	SBX1	SBX2	SBX3	SBX4	SBX5	SBX6	SBX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
200	CNAX0	CNAX1	CNAX2	CNAX3	CNAX4	CNAX5	CNAX6	CNAX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
220	LDX0	LDX1	LDX2	LDX3	LDX4	LDX5	LDX6	LDX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
240	ØRSX0	ØRSX1	ØRSX2	ØRSX3	ØRSX4	ØRSX5	ØRSX6	ØRSX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
260	ØRX0	ØRX1	ØRX2	ØRX3	ØRX4	ØRX5	ØRX6	ØRX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
300	CANX0	CANX1	CANX2	CANX3	CANX4	CANX5	CANX6	CANX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
320	LCX0	LCX1	LCX2	LCX3	LCX4	LCX5	LCX6	LCX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
340	ANSX0	ANSX1	ANSX2	ANSX3	ANSX4	ANSX5	ANSX6	ANSX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
360	ANX0	ANX1	ANX2	ANX3	ANX4	ANX5	ANX6	ANX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
400	MPF	MPY							ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
420	UFM	SXL1	SXL2	SXL3	SXL4	SXL5	SXL6	SXL7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
440	SX10	FMP							ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
460									ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
500	RPL	SBR1	SBR2	SBR3	SBR4	SBR5	SBR6	SBR7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
520	RPT								ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
540	SBRO								ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
560	RPD								ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
600	TZE	TNZ	TNC	TRC	TMI	TPL	TSX6	TSX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
620	EAX0	EAX1	EAX2	EAX3	EAX4	EAX5	EAX6	EAX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
640	ERSX0	ERSX1	ERSX2	ERSX3	ERSX4	ERSX5	ERSX6	ERSX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
660	ERSX0	ERSX1	ERSX2	ERSX3	ERSX4	ERSX5	ERSX6	ERSX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
700	TSX0	TSX1	TSX2	TSX3	TSX4	TSX5	TSX6	TSX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
720	LX10	LX11	LX12	LX13	LX14	LX15	LX16	LX17	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
740	STX0	STX1	STX2	STX3	STX4	STX5	STX6	STX7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
760	LBR0	LBR1	LBR2	LBR3	LBR4	LBR5	LBR6	LBR7	ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ
800									ADB4	ADB5	ADB6	ADB7	SDBR	ADA	ADQ	ADAQ

October 15, 1965

80017

# 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																
000	MME	DRL			MME2	MME3	MME4			NØP			CIØC			
020	ADLX0	ADLX1	ADLX2	ADLX3	ADLX4	ADLX5	ADLX6	ADLX7				ADL	ADLA	ADLQ	ADLAQ	
040	ASX0	ASX1	ASX2	ASX3	ASX4	ASX5	ASX6	ASX7	ADBO	ADBL	ADB2	ADB3	ASA	ASQ		
060	ADX0	ADX1	ADX2	ADX3	ADX4	ADX5	ADX6	ADX7		AWCA	AWCQ	LREG	ADA	ADQ	ADAQ	
100	CMPX0	CMPX1	CMPX2	CMPX3	CMPX4	CMPX5	CMPX6	CMPX7		CWL						
120	SBLX0	SBLX1	SBLX2	SBLX3	SBLX4	SBLX5	SBLX6	SBLX7	ADB4	ADB5	ADB6	ADB7	SDBR			
140	SSX0	SSX1	SSX2	SSX3	SSX4	SSX5	SSX6	SSX7		SWCA	SWCQ	LDB				
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	LBAR							
240	ØRSX0	ØRSX1	ØRSX2	ØRSX3	ØRSX4	ØRSX5	ØRSX6	ØRSX7	STPO	STP1	LDBR	RMC	SZN	CNAQ	CNAQ	CNAQ
260	ØRX0	ØRX1	ØRX2	ØRX3	ØRX4	ØRX5	ØRX6	ØRX7	TSBO	TSB1	STP2	STP3	STB	LDA	LDAQ	LDAQ
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	LCQ
340	ANSX0	ANSX1	ANSX2	ANSX3	ANSX4	ANSX5	ANSX6	ANSX7	EAP0	EAP1	EAP2	EAP3		ANSA	ANSQ	ANSQ
360	ANX0	ANX1	ANX2	ANX3	ANX4	ANX5	ANX6	ANX7	EAP4	EAP5	EAP6	EAP7		ANA	ANQ	ANQ
400	MPF	MPY				CMG				LDE				ADE		
420	UFM	SXL2		DUFM	SXL4	FCMG	SXL6	DFCMG	FSZN	FLD		DFLD		UFA		DUFA
440	SXL0	FMP		SXL3	DFMP	SXL5		SXL7	STZ	SMIC		SMFP	STT	FST	STE	DFST
460														FAD		DFAD
500	RPL					BCD	DIV	DVF		NEG	LDCF	FNEG		FCMP		DFCMP
520	RPT					FDI	SBR6	DFDI	SBR	STBA	CAM	NEGL		UFS		DUF
540	SBRO	SBR1	SBR2	SBR3	SBR4	SBR5		SBR7			STBQ	SMCM	STC1	FSB		SAM
560	RPD					FDV		DFDV				FNO				DFSB
600	TZE	TNZ	TNC	TRC	TMI	TPL		TTF	RTCD				TEØ	DIS		TØV
620	EAX0	EAX1	EAX2	EAX3	EAX4	EAX5	EAX6	EAX7	RET			RCU	LDI	EAQ		LDT
640	ERSX0	ERSX1	ERSX2	ERSX3	ERSX4	ERSX5	ERSX6	ERSX7	STP4	STP5	STP6	STP7	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	LXL0	LXL1	LXL2	LXL3	LXL4	LXL5	LXL6	LXL7					ALS	QLS		LLS
740	STX0	STX1	STX2	STX3	STX4	STX5	STX6	STX7	STC2	ARS	QRS	LRS	STI	STQ		STAQ
760	LBR0	LBR1	LBR2	LBR3	LBR4	LBR5	LBR6	LBR7		STCA	STCQ	SREG	GTB	QLR		LLR
000																
000																