		0	1	2	3	4	5	6	7	8	9	10	11
SR LD		0	0	0	0	0	0	0	0	1	1	0	0
RF LD		1	0	1	0	0	1	1	1	0	1	0	0
IR LD		0	0	0	1	0	0	0	0	0	0	0	0
MAR LD		0	1	0	0	0	0	0	0	0	0	1	0
MDR LD		0	0	0	0	0	0	0	0	0	0	0	0
R/W		0	0	1	1	0	0	0	0	0	0	0	1
MOV		0	0	1	1	0	0	0	0	0	0	0	1
DT 1	x	x		1	1 x	x	x	x	x	x	Х		0
DT 0	x	x		0	0 x	x	x	x	x	x	х		0
MA 1		0	1	1	0	0	0	0	0	0	0	0	0
MA 0		0	0	0	0	0	0	0	0	0	0	0	0
MB 1		1	0	0	0	0	0	0	0	0	0	0	0
MB 0		1	0	0	0	0	0	1	1	0	0	1	0
MC1		0	0	0	0	0	0	0	0	0	0	0	0
MC0		1	0	1	0	0	0	0	0	0	0	0	0
MD		1	1	1	0	0	0	0	0	0	0	1	0
ME		0	0	0	0	0	0	0	0	0	0	0	0
OP4		0	1	1	0	0	0	0	0	0	0	0	0
OP3		1	0	0	0	0	0	0	0	0	0	0	0
OP2		1	0	0	0	0	0	0	0	0	0	1	0
OP1		0	0	0	0	0	0	0	0	0	0	0	0
OP0		1	0	1	0	0	0	0	0	0	0	0	0
N2		0	0	0	1	1	0	0	0	0	0	0	0
N1		1	1	1	0	0	0	0	0	0	0	1	1
N0		1	1	1	1	0	1	1	1	1	1	1	1
Inv	X	X	X		1	0 x	X	X	X	X	Х	X	
S1	X	X	Х		0	0 x	X	X	X	Х	X	X	
S0	X	X	X		0	1 x	X	X	X	X	X	X	
CR(decimal)	X	X	X		3	1 x	X	X	X	X	X	X	
	Deart Otate	1 1 5/	Cinto Mc Day 15	inama NAma- NAI-ii S	- MOC - C'	and Condition Add C	(D D) A-1-1(C 1	(Ob:#) A 1 1 (O 1 1 1	manadiata) OMD (D	D) MOV/D D)	0-1- 0	Land Ad Davis	Deta Desid
	Reset State	Load PC	C into Me Read F	rom wem wait fo	or MOC Ch	neck Condition Add/Sub				-R) MOV(R-R)	Caic. 8	Load Add Begin E	
						The ope	ration performed (	depends on the Inst	Register			Load Byte w/	or w/out II

12	13	14	15	16	17	18	19	20	21	22	23	24	25
0		0		0	0	0		0	0	0	0	0	0
0	1	0		0	1	0		0	1	0	0	0	1
0	0			0	0	0		0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0	1	0	0	0
1	0	0	0	1	0	0	0	1	0	0	0	1	0
1	0	0	1	1	0	0	1	1	0	0	1	1	0
1	0	0	1	1	0	0	1	1	0	0	1	1	0
0	х	x	1	1	x	х	0	0	х	х	1	1	x
0	х	x	0	0	x	х	0	0	x	x	0	0	х
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0	0	1	0	0	0	1
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	1	0	0	1	1	0	0	1	1	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0	0	1	0	0	0	1
0	1	1	0	0	1	0	0	0	1	0	0	0	1
0	0	0	0	0	0	1	0	0	0	1	0	0	0
0	1	0	0	0	1	0	0	0	1	0	0	0	1
1	0	0	0	1	0	0	0	1	0	0	0	1	0
0	0	1	1	0	0	1	1	0	0	1	1	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1
		X	X	1		Х	X	1		X	X	1	
		X	X	0			X	0			X	0	
		X	X	0			X	0			X	0	
12	X	X	X	16	X	X	X	20	X	X	X	24	X
Mait for MOO	Land Duta into T	Onla Olland Ad	Dania Wand Da	Mait for MOC	Land Mand Set . 7	0-1- 01 01	Dania Data Dara	Mait fam MOC	Land District - T		Dania Mand Dani	Mait for MOC	Land Mandinta T
Wait for MOC	Load Byte into Ta						Begin Byte Read				Begin Word Rea		Load Word into T
mmediate offset a	added	Load	vvora w/ or w/out	immediate offset a	aaea	Loa	d Byte w/ Immedia	ile Offset Subtrac	ted	Load	d Word w/ immedia	ate onset Subtrac	cied

	26	27	28	29	30	31	32	33	34	35	36	37	38	39
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	1	0	0	0	1	0	0	0	1	0
	0	0	1	0	0	0	1	0	0	0	1	0	0	0
	0	1	1	0	0	1	1	0	0	1	1	0	0	1
	0	1	1	0	0	1	1	0	0	1	1	0	0	1
x		0	0 x	x		0	0 x	X		1	1 x	x		1
x		0	0 x	x		0	0 x	x		0	0 x	х		0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	1	1	0	0	1	1	0	0	1	1	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	1	0	0	1	0	0	0	1	1	0	0	1	0	0
	0	0	0	0	1	0	0	0	0	0	0	0	1	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	0	0	1	0	0	0	1	0	0	0	1	0	0	0
	1	1	0	0	1	1	0	0	1	1	0	0	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1
X	X		1 x	X	X		1 x	X	X		1 x	X	Х	
X	X		0 x	X	X		0 x	X	X		0 x	X	X	
X	X		0 x	X	X		0 x	X	X		0 x	X	X	
X	X		28 x	X	X		32 x	Х	X		36 x	Х	X	
arget Re		o Chift Dy Do-i-	tor adding		Lood Dot-	Chift Du Dacie	tor Cubtracting		Lood Ma	rd Chiff Dy Day	giotor adding		1004	Mard Chift D
	Load Byt	e Shift By Regis	ter adding		road Ryte	onit by Kegis	ter Subtracting		Load Wo	rd Shift By Re	gister adding		road	Word Shift By I

40	41	42	43	44	45	46	47	48	49	50	51	52	53
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	1	0	0	1	1	0	0	1	1	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0	1	0	0	0
1	0	0	0	1	0	0	0	1	0	0	0	1	0
1	0	0	1	1	0	0	1	1	0	0	1	1	0
1	0	0	1	1	0	0	1	1	0	0	1	1	0
1 x	x		0	0	х	x	1	1	x	x	0	0	X
0 x	x		0	0	x	x	0	0	X	х	0	0	X
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0	0	1	0	0	0	1
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	1	0	0	1	1	0	0	1	1	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0	0	1	0	0	0	1
0	1	1	0	0	1	1	0	0	1	0	0	0	1
0	0	0	0	0	0	0	0	0	0	1	0	0	0
0	1	0	0	0	1	0	0	0	1	0	0	0	1
1	0	0	0	1	0	0	0	1	0	0	0	1	0
0	0	1	1	0	0	1	1	0	0	1	1	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1
1 x	X	х		1		X	X	1		X X		1	
0 x	Х	X		0		X	X	0		X X		0	
0 x	X	X		0		Х	X	0		X X		0	
40 x	х	X		44	Х	X	X	48	X	x x		52	Х
	Calc. &	Load Add Begin					Begin Word Read			Calc. & Load Add Be			Load Byte into Ta
Register Subtracting		Load Byte w/	immediate offs	set added pre-in	ndexed	Load W	ord w/ immediate	offset added pre-	ndexed	Load Byte w/	/ Immediate Off	set Subtracted pr	e-indexed

54	55	56	57	58	59	60	61	62	63	64	65	66	67
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	1	1	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	0	0	0	1	0	0	0	0
0	0	1	0	0	0	1	0	0	0	0	1	0	0
0	1	1	0	0	1	1	0	0	0	1	1	0	0
0	1	1	0	0	1	1	0	0	0	1	1	0	0
x	1	1	x	x	0	0	x	(	x	0	0	(	<b>(</b>
x	0	0	x	x	0	0	x	(	x	0	0	(	(
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1	0	0	0	0	1	0
1	0	0	0	1	0	0	0	1	1	0	0	0	1
1	0	0	0	0	0	0	0	1	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	1	1	0	0	1	1	1	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1	0	0	0	0
0	0	0	1	0	0	0	1	0	0	0	0	1	0
0	0	0	1	0	0	0	1	1	0	0	0	1	0
1	0	0	0	0	0	0	0	0	0	0	0	0	1
0	0	0	1	0	0	0	1	0	0	0	0	1	0
0	0	1	0	0	0	1	0	0	0	0	1	0	0
1	1	0	0	1	1	0	1	0	1	1	0	1	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1
X	X			X	X	1		(	Х	X	1 >		<b>(</b>
X	X	0			X	0				X	0 >		(
X	X	0		X	X	0			Х	X	0 >		(
X	X	56	X	X	X	60	X		X	Х	65 >	(	(
Onla Olivelia I	Denie World D	1M=:4.f== 1400	Land Mind Co.	and Davids									
	Begin Word Read		Load Word into T			d imama a cli = £ = - £			1 -			Soot most in deep	
Load Wor	d w/ immediate of	rset Subtracted pr	re-indexed	L	oad byte and Add	a immediate off	set post-indexed		Loa	ad byte and subtr	act immediate of	nset post-indexe	ea

	68	69	70	71	72	73	74	75	76	77	78	79	80	81
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	1	0	0	0	1	1	1	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	1	0	0	0	0	1	0	0	0
	0	0	1	0	0	0	0	1	0	0	0	0	1	0
	0	1	1	0	0	0	1	1	0	0	0	1	1	0
	0	1	1	0	0	0	1	1	0	0	0	1	1	0
x		1	1 x	х	x		1	1 x	х	х		0	0 x	(
x		0	0 x	x	x		0	0 x	х	х		0	0 x	(
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	0	1	0	0	0	0	1
	1	0	0	0	1	1	0	0	0	1	0	0	0	0
	0	0	0	0	1	0	0	0	0	1	1	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	1	1	1	0	0	1	1	1	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	1	0	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	0	1	0	0	0	0	1
	0	0	0	1	1	0	0	0	1	0	1	0	0	1
	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	0	0	0	1	0	0	0	0	1	0	0	0	0	1
	0	0	1	0	0	0	0	1	0	0	0	0	1	0
	1	1	0	1	0	1	1	0	1	0	1	1	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1
X	x		1 x	x	x	x		1 x	x	x	х		1 x	(
X	x		0 x	x	x	х		0 x	x	x	х		0 x	
X	X		0 x	x	x	Х		0 x	x	X	x		0 x	
X	X		70 x	Х	х	Х		75 x	X	X	X		80 x	(
										Calc	. & Load Add Begin B			₋oad Byte into Ta
	Load Wor	rd and add imr	nediate offset pos	st-indexed		Load Wo	ord and subtract i	immediate offset	post-indexed		Load Byte w/	register offset ac	dded pre-inde	exed

	82	83	84	85	86	87	88	89	90	91	92	93	94	95
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	1	1	0	0	1	1	0	0	1	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	1	0	0	0	1	0	0	0	1	0
	0	0	1	0	0	0	1	0	0	0	1	0	0	0
	0	1	1	0	0	1	1	0	0	1	1	0	0	1
	0	1	1	0	0	1	1	0	0	1	1	0	0	1
x		1	1 x	X		0	0	х	x	1	1	x	X	0
x		0	0 x	x		0	0	x	x	0	0	x	x	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	1	0	0	0	1	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	1	1	0	0	1	1	0	0	1	1	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	0	0	0	0	1	0	0	0	1	0	0	0	0	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	0	0	1	0	0	0	1	0	0	0	1	0	0	0
	1	1	0	0	1	1	0	0	1	1	0	0	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1
X	)	(	1 x		)	(	1		x	X	1		X	X
X		(	0 x		)		0		x	X	0			X
X		(	0 x		)		0		X	Х	0		X	X
X	)	(	84 x	X	)	(	88	X	X	X	92	X	X	X
0.1. 0.1		2	1400			D D. 1. D	-11.f. MOO	Land Date of Table		D	M. 11 C. 1100	1		
		Begin Word Rea Wait for				Begin Byte Read W				Begin Word Read		Load Word into T		Lood by the small t
	Load W	ord w/ register offset add	ied pre-inde	exed	Load Byte	w/ Register Offset	Subtracted pre-	-indexed	Load Wo	ord w/ register offs	et Subtracted pre-	-indexed		Load byte and A

96	97	98	99	100	101	102	103	104	105	106	107	108	109
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	1	0	0	0	1	1	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	0	0	0	0	1
1	0	0	0	0	1	0	0	0	0	1	0	0	0
1	0	0	0	1	1	0	0	0	1	1	0	0	0
1	0	0	0	1	1	0	0	0	1	1	0	0	0
0 >	x		х	0	0 x	x	x		1	1 x	x	х	
0	x		х	0	0 x	x	x		0	0 x	х	X	
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	1	0	0	0	0	1	0	0
0	0	0	1	0	0	0	0	1	0	0	0	0	1
0	0	1	0	0	0	0	1	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	1	1	0	0	1	1	1	0	0	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	0	0	0	0	1
0	1	0	0	0	0	1	0	0	0	0	1	0	0
0	1	1	0	0	0	1	0	0	0	0	1	1	0
0	0	0	0	0	0	0	1	0	0	0	0	0	0
0	1	0	0	0	0	1	0	0	0	0	1	0	0
1	0	0	0	0	1	0	0	0	0	1	0	0	0
0	1	0	1	1	0	1	0	1	1	0	1	0	1
1	. 1	1	1	1	1	1	1	1	1	1 1	1	1	1
0 >			x x x x		1 x 0 x	X X	X	X		1 x 0 x	X X	X X	
0 >			x x x		0 x	X	X X	x x		0 x	X	X	
96 >			x x		101 x	X	X	X		106 x	X	X	
30 7	^		^		101 A	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	^	A		100 X	^	^	
Add register offse	t post-indexed		Load	byte and sub	otract register offset po	ost-indexed		Load	Word and add	register offset post	t-indexed		Lo

110	111	112	113	114	115	116	117	118	119	120	121	122	123
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	1	0	0	0	1	0
0	1	0	0	0	1	0	0	0	1	0	0	0	1
1	1	0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	1	1	0	0	1	1	0	0
1	1 x	х		0	0	0	0	1	1	1	1	0	0
0	0 x	х		0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	1	0	0	0	1
0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	1	0	0	0	1	0
0	0	0	1	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	1	1	1	0	0	1	1	0	0	1	1
0	0	0	0	0	1	0	0	0	1	0	0	0	1
0	0	0	0	0	1	0	0	0	1	0	0	0	1
0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	1	0	0	0	1	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0	0	0	1	0
0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	1	0	0	0	1	0	0
1	0	1	0	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1
X	1 x	X	Х	X			0 x			X	0		X
X	0 x	X	X	X			0 x			X	0		X
X	0 x	X	X	X			0 x			X	0		X
X	111 x	X	X	X	Х		117 x	>		X	121	X	X
ad Word and su	btract register offset p	ost-indexed		Store hyd	te w/ or w/out imme	ediate offset a	dded	Store we	ord w/ or w/out i	mmediate offset	added	Store	byte w/ immed
au vvoia ana su	bildot register onset p	oot macked		JUIC DY	cc vv, or vv, out infinite	carace oriset a	uucu	JUIC W	ora wy or wyout i	minediate onset	uuucu	3.016	. Syce w/ minicu

124	125	126	127	128	129	130	131	132	133	134	135	136	137
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	0	1	0	0	0	1	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	0	1	1	0	0	1	1	0	0	1	1
0	0	1	1	1	1	0	0	0	0	1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	1	1	0	0	1	1	0	0
0	0	0	1	0	0	0	1	0	0	0	1	0	0
0	0	0	1	0	0	0	1	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0	1	0	0	0
0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0	0	1	0	0	0	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1
X	0 >		x x		0 3		X		0			K	0
X	0 >		x x		0 2		X		0			K	0
X	0 )		X X		0 3		X X		122			X .	127
X	125	X	X X		129	X	X	(	133	x x		X	137
iate offset subtrac	ted	Store	word w/ immedia	te offset subtra	cted	9	Store byte w/ regis	ter offset added		St	ore word w/ regis	ster offset added	

	138	139	140	141	142	143	144	145	146	147	148	149	150	151
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	1	0	0	0	1	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	1	0	0	0	1	0	0	0	1	0
	0	1	0	0	0	1	0	0	0	1	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1	1	0	0	1	1	0	0	1	1	0	0
	0	0	0	0	1	1	1	1	0	0	0	0	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	1	0	0	0	1	0	0	0	1	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	1	0	0	0	1	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	0	0	1	1	0	0	1	1	0	0	1	1
	0	1	0	0	0	1	0	0	0	1	0	0	0	1
	0	1	0	0	0	1	0	0	0	1	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	1	0	0	0	1	0
	1	0	0	0	1	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1
X	X	X		0 x		x x		0		X	X	0		X
X	Х			0 x		x x		0			X	0		X
X	Х			0 x		x x		0 :		Х	X	0		X
X	Х	X		141 x		x x		145	X	X	X	149	X	X
					<u> </u>		<b>ff k</b> -	1		ha / !	- <b>ff t</b>		<u> </u>	
	Store	e byte w/ register offse	et subtracted	I	Sto	re word w/ register	offset subtract	ea	Store by	te w/ immediate	offset added pre-i	ndexed	Store wo	ord w/ immediate

152	153	154	155	156	157	158	159	160	161	162	163	164	165
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	0	1	0	0	0	1	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	0	1	1	0	0	1	1	0	0	1	1
1	1	0	0	0	0	1	1	1	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	1	1	0	0	1	1	0	0
0	0	0	1	0	0	0	1	0	0	0	1	0	0
0	0	0	1	0	0	0	1	0	0	1	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0	0	1	0	0	0	1
1	1	1	1	1	1	1	1	1	1	1	1	1	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1
X	0 x		x x		0 >		x x		0			X	1
X	0 x		x x		0 >		x x			x x		X	0
X	0 x		x x		0 >		x x			x x		X	0
X	153 x	<u> </u>	x x		157 >	<b>(</b>	x x		161	X X	]	X	165
offset added are	indovad	Store bute y	w/ immediate offse	at cubtracted ar	ralindayad	Store word	w/immediate offe	ot subtracted as	o indoved	C+	toro buto w/imm	nediate offset add	ad nost indexed
offset added pre-i	muexea	Store byte v	w/ immediate offse	t subtracted pr	e-maexea	Store word	w/ immediate offs	set subtracted pr	е-шаехеа	Sī	lore byte w/ imm	iediate offset add	eu post-inaexea

	166	167	168	169	170	171	172	173	174	175	176	177	178	179
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	1	0	0	0	0	1	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	1	0	0	0	0	1	0	0	0	0	1	0	0
	0	0	1	0	0	0	0	1	0	0	0	0	1	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	1	0	0	0	1	1	0	0	0	1
	0	1	1	1	1	1	0	0	0	0	0	1	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1	0	0	0	0	1	0	0	0	0	1	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	0	0	0	1	1	0	0	0	1	1	0	0
	1	0	0	0	0	1	0	0	0	0	1	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	0	0	1	1	1	0	0	1	1	1	0
	0	0	1	0	0	0	0	1	0	0	0	0	1	0
	0	1	1	0	0	0	1	1	0	0	0	1	1	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	1	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	1	0	0	0	0	1	0	0	0	0
	0	1	1	1	0	0	1	1	1	0	0	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1
X	X	X	Х		1 x	Х	X	2	x	1 2		ζ	X	x
X	X	x	X		0 x	х			x	0				X
X	X	X	X		0 x	Х			X	0 2				X
X	X	X	X		170 x	Х	X		X	175	( )	(	X	X
		Chama		o officer = 44= 4 ::	and indoved		C+ 1	huto w/ image =	diata officet subtili	+ a d   a a a + 1   a - 1   a - 1	4	C+ -		diata officet subt
		Store w	vord w/ immediate	e offset added p	ost-inaexea		Store	byte w/ immed	diate offset subtrac	ied post-indexe	J	Sto	ore word w/ Imme	diate offset subti

0 0 0	0 1	0	0	0	0	_							
	1	1		J	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	0	1	0	0	0	1	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	1	0	0	1	1	0	0	1	1
1	1	0	0	0	0	1	1	1	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	1	1	0	0	1	1	0	0	1	1	0	0
0	0	0	1	0	0	0	1	0	0	0	1	0	0
0	0	0	1	0	0	0	1	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	1	0	0	0	1	0	0	0	1
0	0	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1
1 x	x	Х	x		0 x		x x		0	x x		x	0
0 x	x	Х	x		0 x		x x			x x	1	x	0
0 x	X	х	X		0 x		x x			x x		x	0
180 x	x	х	X		185 x		x x		189	x x		x	193
racted post-indexed		Store hyt	te w/ register offset	added nre-in	dexed	Store w	ord w/ register off	set added nre-in	dexed	Store hyte	w/ register offse	t subtracted pre-	indexed

	194	195	196	197	198	199	200	201	202	203	204	205	206	207
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	1	0	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	1	0	0	0	0	1	0	0	0	0
	0	1	0	0	0	1	0	0	0	0	1	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1	1	0	0	1	1	0	0	0	1	1	0
	1	1	1	1	0	0	0	0	0	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	1	0	0	0	1	0	0	0	0	1	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	0	0	1	1	0	0	1	1	1	0	0	1
	0	1	0	0	0	1	0	0	0	0	1	0	0	0
	0	1	0	0	1	1	0	0	0	1	1	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	1	0	0	0	0	1	0
	1	1	1	1	1	1	1	0	0	1	1	1	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1
X	Х			0 x		x x		1 >		Х	X		1	
X	X			0 x		x x		0 >			X		0	
X	X			0 x		X X		0 >		X	X		0	
X	X	X		197 x		x x		201	(	X	X		206	X
	Ctoro	w/register offeet and	htracted are	indovad		Store buts/	ictor offeet add	ad post indexed			Store word w/	gistor offset edd-	nd nost indovad	
	Store word	w/ register offset sul	otracted pre-	muexea		Store byte w/ reg	ister offset adde	eu post-indexed			Store word w/ reg	gister offset adde	eu post-indexed	

0		208	209	210	211	212	213	214	215	216	217	218	219	220	221
0		0	0	0	0	0	0	0	0	0	0	0	0	0	1
1		0	0	0	0	1	0	0	0	0	1	0	0	0	1
0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	0	0	0	0	1	0	0	0	0	1	0	0	0
		0	1	0	0	0	0	1	0	0	0	0	0	1	0
		0	0	0	0	0	0	0	0	0	0	0	1	1	0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	0	1	1	0	0	0	1	1	0	0	1	1	0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	0	0	0	0	1	1	1	1	1	x	0	0	(
0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	0	0	0	0	0	0	0	0	0	x	0	0	(
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	1	0	0	0	0	1	0	0	0	0	0	0	0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	0	0	0	0	0	0	0	0	0	0	0	0	1
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	0	0	0	0	0	0	0	0	0	1	0	0	0
1 1 1 0 0 0 1 1 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 0 0 0 0 1 1 1 0 0 0 0 1 1 1 0		0	0	0	0	1	0	0	0	0	1	0	0	0	0
0 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0		1	1	0	0	1	1	1	0	0	1	1	0	0	1
0         1         0         0         0         1         0         0         0         1         1         0         0         0         1         1		0	1	0	0	0	0	1	0	0	0	0	0	0	0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1	1	0	0	0	1	1	0	0	0	0	0	0	0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	0	0	0	0	0	0	0	0	0	1	0	0	1
0         0         0         0         0         0         0         0         0         0         1         0         0         1           0         0         0         0         0         0         1         0         0         0         1         0         0         1		0	0	0	0	0	0	0	0	0	0	0	0	0	1
0       0       0       0       0       0       0       0       0       0       0       0       1       0       0       1       0       0       1		0	0	0	0	1	0	0	0	0	1	1	0	0	0
1       1       1       0       0       1       1       1       0       0       1       0       1       1       1       0       1		0	0	0	0	0	0	0	0	0	0	1	0	0	1
1     1 <th></th> <th>0</th> <th>0</th> <th>0</th> <th>1</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>1</th> <th>0</th> <th>0</th> <th>0</th> <th>1</th> <th>0</th>		0	0	0	1	0	0	0	0	1	0	0	0	1	0
x         x		1	1	1	0	0	1	1	1	0	0	1	1	1	0
x     x <th></th> <th>1</th> <th>0</th> <th>1</th>		1	1	1	1	1	1	1	1	1	1	1	1	0	1
x x x 0 x x x x 0 x x x 0 x	X	X	X		1 x		x x		X	1	X	x	K	1 >	ί
	X	X	X						X						
	X		X						X						
x x x 211 x x x x 216 x x X 220 X	X	Х	Х		211 x		X X		X	216	x	x	Κ	220	(
Store byte w/ register offset subtracted post-indexed  Store word w/ register offset subtracted post-indexed  Load Imm offset signed byte added		Store	byte w/ register off	fset subtracted	d post-indexed		Stor	re word w/ regi	ister offset subtrac	ted post-indexed		L	oad Imm offset sig	gned byte added	

	222	223	224	225	226	227	228	229	230	231	232	233	234	235
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	1	0	0	0	1	0	0	0	1	0
	0	0	1	0	0	0	1	0	0	0	1	0	0	0
	0	1	1	0	0	1	1	0	0	1	1	0	0	1
	0	1	1	0	0	1	1	0	0	1	1	0	0	1
X		0	0 x	х		0	0 x		х	0	0 x	x		1
x		0	0 x	х		1	1 x		х	1	1 x	x		1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	1	0	0	0	1	0	0	0	1	0	0	0	1	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	1	1	0	0	1	1	0	0	1	1	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	1	1	0	0	1	1	0	0	1	1	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	1	0	0	0	1	0	0	0	1	0	0	0	1	0
	0	0	0	1	1	0	0	1	0	0	0	1	1	0
	0	0	1	0	0	0	1	0	0	0	1	0	0	0
	1	1	1	0	1	1	1	0	1	1	1	0	1	1
	1	1	0	1	1	1	0	1	1	1	0	1	1	1
X	X		1 x		x X		1 x		Х		1 x		X	
X	X		0 x		хх		0 x		Х		0 x		X	
X	X		0 x		x x		0 x		Х		0 x		Х	
X	X		224 X		x X		228 X		x	X	232 X		X	
												Calc		read
	l nad Im	nm offset signed b	ovte substract		Load	Imm offset sign	ed halfword add		hoal	Imm offset signe	d halfword substract			
	Load III	iiii oiiset sigileu t	y ic substituct		Loau	iii oiiset sigii	ca nan word add		Loau	orract signe	a nan word substruct			

236	237	238	239	240	241	242	243	244	245	246	247	248	249
0	1	0	1	0	0	0	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	1	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0	1	0	0	0
1	0	1	0	0	0	1	0	1	0	0	1	0	0
1	0	1	0	0	1	1	0	1	0	0	0	0	0
1	0	1	0	0	1	1	0	1	0	0	0	1	1
1	X	1 x	X		1	1 x		1 x		0	0	0	0
1	X	1 x	X		1	1 x		1 x		1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	1	0	0
0	1	0	1	0	0	0	1	0	1	0	0	0	0
0	0	0	0	1	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	1	1	0	0	1	0	1	1	1	0	0
0	0	0	0	0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	1	0	0
0	1	0	1	1	0	0	1	0	1	1	0	0	0
0	1	0	1	0	0	0	1	0	1	0	0	0	0
0	0	0	0	1	0	0	0	0	0	1	0	0	0
0	1	0	1	0	0	0	1	0	1	1	0	0	0
1	0	1	0	0	0	1	0	1	0	0	0	0	1
1	1	1	0	1	1	1	1	1	0	1	1	1	1
0	1	0	1	1	1	0	1	0	1	1	1	1	1
1	Х	1 x		x X		1 x		1 x		X	X	х	0
	X	0 x		x X		0 x		0 x		X	X	X	0
	Х	0 x		x X		0 x		0 x		X	X	Х	0
236		238 X		x X		242 X		244 X		X	X	X	249
wair for MOC	Load into registe	er	Cal	lc. read		wair for MOC Load	into register	r					
Load Imm offset	doubleword add				Loa	ad Imm offset doublew	ord substract			Store in	nm offset signed	nalfword add	

250	251	252	253	254	255	256	257	258	259	260	261	262	263
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	0	0	0	0	1	0	0	0
0	1	0	0	0	1	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	1	1	1	1	0	0	1	1
0	0	0	0	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	0	1	1	0	0	0	0	1	1	0	0
0	1	0	0	0	1	0	0	0	0	0	1	0	0
0	1	0	0	0	1	0	0	0	0	0	1	0	0
1	0	0	0	1	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	0	0	0	0	1	0	0	0
0	0	0	0	1	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1	0	1	0	0	0	1
1	1	1	1	1	1	1	0	1	1	1	1	1	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1
X	X	X	0	X	Х	X	1	X	0	X	X	Х	1
X	Х	X	0	Х	X	Х	0	X	0	Х	Х	X	0
X	X	X	0	X	X	X	0	X	0	X	X	X	0
X	Х	X	253	X	X	X	257	Х	259	X	X	X	263
Ctono i	n offset signed bel	fword substrast		Chara !:	nm officet a de	oubleword add					Chara	imm offsat da	bloword out
Store Imn	n offset signed hal	iworu substract		Store II	iiii oiiset s do	ubleword add					Store	imm offset dou	subs prowerd

264	265	266	267	268	269	270	271	272	273	274	275	276	277
0	0	0	0	0	1	0	0	0	1	0	0	0	1
0	0	1	0	0	1	1	0	0	1	1	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	0	0	1	0	0	0	1	0	0	0	1	0
0	0	0	1	1	0	0	1	1	0	0	1	1	0
1	1	0	1	1	0	0	1	1	0	0	1	1	0
1	1	x	0	0 x		x	0	0 x	х		0	0 x	
1	1	x	0	0 x		x	0	0 x	X		1	1 x	
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	1	0	0	0	1
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	1	1	0	0	1	1	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	1	1	0	0	1	1	0	0	1
0	0	0	0	0	1	0	0	0	1	0	0	0	1
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	1	0	0	1	0	0	0	1	1	0	0	1
0	1	0	0	1	0	0	0	1	0	0	0	1	0
1	1	1	1	1	0	1	1	1	0	1	1	1	0
1	1	1	1	0	1	1	1	0	1	1	1	0	1
X	0	Х	X	1	х	X	X	1	Х	X	х	1	X
X	0	Х	X	0	Х	X	X	0	Х	Х	X	0	X
X	0	X	X	0	Х	X	X	0	X	X	X	0	X
X	265	X	X	268	Х	Х	X	272	X	X	Х	276	X
				66 4 11 1 1 1 1	,		,, ,,		. ,		1 / 1 ! ! !	cc , , , , ,	
		Load signed Byte	e w/ immediate d	offset added pre-ind	exed	Load signed Byte	w/ immediate	e offset substract pre-i	indexed L	_oad signed halfw	ord w/ immediate	e offset added	pre-indexed

	278	279	280	281	282	283	284	285	286	287	288	289	290	291
	0	0	0	1	0	0	0	1	0	1	0	0	0	1
	1	0	0	1	1	0	0	1	0	1	1	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	1	0	0	0	0	0	1	0	0	0
	0	0	1	0	0	0	1	0	1	0	0	0	1	0
	0	1	1	0	0	1	1	0	1	0	0	1	1	0
	0	1	1	0	0	1	1	0	1	0	0	1	1	0
X		0	0	X	X	1	1	1	1	1	X	1	1	1
X		1	1	X	X	1	1	1	1	1	X	1	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	1	0	1	0	0	0	1
	1	0	0	0	1	0	0	0	0	0	1	0	0	0
	1	0	0	0	1	0	0	0	0	0	1	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	1	1	0	0	1	0	1	1	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	1	1	0	0	1	0	1	1	0	0	1
	0	0	0	1	0	0	0	1	0	1	0	0	0	1
	1	0	0	0	1	0	0	0	0	0	1	0	0	0
	0	0	0	1	1	0	0	1	0	1	0	0	0	1
	0	0	1	0	0	0	1	0	1	0	0	0	1	0
	1	1	1	0	1	1	1	0	1	0	1	1	1	1
	1	1	0	1	1	1	0	1	0	1	1	1	0	1
	X	X	1	Х	X	х	1	Х	1	х	X	Х	1	Х
	X	X	0	X		Х	0	X		Х	X	Х		
	X	X	0	Х		X	0	Х		Х	Х	Х		
	X	X	280	Х	Х	Х	284	Х	286	Х	X	Х	290	X
													111 11 6 11 5 5	
	-:					Land day!	and and income P	- 4 <b>66</b> 4 1   1	and to day a			Read	Wait for MOC	Load Byte into Re
Load	signed naitwo	ord w/ immedia	te oπset substr	act pre-indexed		Load doublew	ora w/ immedia	ate offset added	pre-inaexea		Load doublewo	ra w/ immedia	te offset substrac	r pre-indexed

292	293	294	295	296	297	298	299	300	301	302	303	304	305
0	1	0	0	0	0	0	0	0	0	0	0	0	0
0	1	1	0	0	0	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0	1	0	0	0
1	0	0	1	0	0	0	1	0	0	0	1	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	1	0	0	1	1	0	0	1	1
1	1	0	0	0	0	0	0	0	0	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1	0	0	0	1	0	0
0	1	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	1	1	0	0	1	1	0	0	1	1	0	0
0	0	0	1	0	0	0	1	0	0	0	1	0	0
0	0	0	1	0	0	0	1	0	0	0	1	0	0
0	1	1	0	0	0	1	0	0	0	1	0	0	0
0	1	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	1	1	0	0	0	0	0	0	0	1	0	0	0
1	0	0	0	0	1	0	0	0	1	0	0	0	1
1	0	1	1	1	1	1	1	1	1	1	1	1	0
0	1	1	1	1	1	1	1	1	1	1	1	1	1
1 x	(	х	х	x	0	x	x	X	0	x	x	x	1
0 x		х	Х	x	0	x	x	x	0	x	X	x	0
0 x		х	х	X	0	X	X	X		X	X	Х	0
292 x	(	Х	Х	X	297	X	X	X	301	X	X	X	305
egister													
		Store signed ha	alfword w/ immed	liate offset adde	ed pre-indexed	Store signed half	word w/ immedi	ate offset subst	ract pre-indexed		Store double	word w/ immediat	e offset added

306	307	308	309	310	311	312	313	314	315	316	317	318	319
0	0	0	0	0	0	0	0	0	0	0	1	0	0
0	0	1	0	0	0	0	0	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	1	0	0	0	0	1
0	0	0	1	0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	1	1	0	0	0
1	1	0	0	1	1	1	1	0	1	1	0	0	0
1	1	1	1	1	1	1	1	x	0	0	x	x	x
1	1	1	1	1	1	1	1	x	0	0	х	x	×
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	1	0	0
0	0	1	0	0	0	0	0	1	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0	1	0	0	1	1	1
0	0	0	1	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0	0	1	0	0
0	0	1	0	0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0	0	1	1	0
0	1	0	0	0	1	0	1	0	0	1	0	0	0
1	1	1	1	1	0	1	1	1	1	1	1	0	1
1	1	1	1	1	1	1	1	1	1	0	1	1	1
X	0	X	Х	Х	_	Х	0	Х	Х	1	х		Х
X	0	X	Х	X		Х	0	Х			х		X
X	0	X		Х		Х		Х	Х		х		X
X	307	X	X	X	311	X	313	Х	Х	316	Х	Х	X
			Otana decidate		- Had at a data - 1	d				d A d d ::ec:!! (			1 1
pre-indexed			Store doublewor	d w/ immediate	e offset subtracte	d pre-indexed		Load	signed byte an	d Add immediate	e offset post-ind	exed	Load si

320	321	322	323	324	325	326	327	328	329	330	331	332	333
0	0	1	0	0	0	0	1	0	0	0	0	1	0
0	0	1	1	0	0	0	1	1	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1	0	0	0	0
0	1	0	0	0	0	1	0	0	0	0	1	0	0
1	1	0	0	0	1	1	0	0	0	1	1	0	0
1	1	0	0	0	1	1	0	0	0	1	1	0	0
0	0 x	x	x		0	0 x	x	X		0	0	(	(
0	0 x	x	x		1	1 x	x	x		1	1 >	(	(
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	1	0	0	0	0	1	0
0	0	0	1	1	0	0	0	1	1	0	0	0	1
0	0	0	1	0	0	0	0	1	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	1	1	0	0	1	1	1	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1	0	0	0	0
0	0	1	1	0	0	0	1	1	0	0	0	1	1
0	0	1	0	0	0	0	1	0	0	0	0	1	0
0	0	0	1	0	0	0	0	1	0	0	0	0	1
0	0	1	0	0	0	0	1	1	0	0	0	1	0
0	1	0	0	0	0	1	0	0	0	0	1	0	0
1	1	1	0	1	1	1	1	0	1	1	1	1	0
1	0	1	1	1	1	0	1	1	1	1	0	1	1
X	1	X	X	X	X	1	X	Х	X	X	1	X	X
X	0	X	X	X	Х	0	X	Х	X	X	0	X	X
X	0	X	X	X	X	0	X	Х	X	Х	0	X	X
X	321	X	Х	X	X	326	X	Х	X	Х	331	X	X
	la atua at impera ali ata - 4		۵	1 0 - 1 - 1 - 1	mod bolfmand and A	alal inomo calista a s	Good wood in doses d		Land sizes	al balfusial are t		diata affect was t	indexed
gned byte and su	bstract immediate off	set post-indexe	a	Load sig	ned halfword and A	aa immediate of	nset post-indexed		Load signe	d halfword and	substract immed	liate oπset post-	ındexea

	334	335	336	337	338	339	340	341	342	343	344	345	346	347
	0	0	0	1	0	1	0	0	0	0	1	0	1	0
	0	0	0	1	0	1	1	0	0	0	1	0	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	1	0	0	0	0	0	0
	0	0	1	0	1	0	0	0	0	1	0	1	0	0
	0	1	1	0	1	0	0	0	1	1	0	1	0	0
	0	1	1	0	1	0	0	0	1	1	0	1	0	0
X		1	1	1	1	1 x	x		1	1 x		1 x	x	
X		1	1	1	1	1 x	x		1	1 x		1 x	x	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	0	1	0	0	0	0	1	0	1	0
	1	0	0	0	0	0	1	1	0	0	0	0	0	1
	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	1	0	1	1	1	0	0	1	0	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	1	0	0	0	0	0	0
	0	0	0	1	0	1	1	0	0	0	1	0	1	1
	0	0	0	1	0	1	0	0	0	0	1	0	1	0
	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	0	0	0	1	0	1	1	0	0	0	1	0	1	0
	0	0	1	0	1	0	0	0	0	1	0	1	0	0
	1	1	1	1	1	1	0	1	1	1	1	1	1	0
	1	1	0	1	0	1	1	1	1	0	1	0	1	1
	X	X	1	X	1	Х	х	X	X	1	X	1	X	X
	X	X	0	X	0	Х	X	X	X	0	X	0	X	X
	Х	X	0	X	0	X	Х	X	X	0	X	0	X	X
	X	X	336	X	338	X	Х	X	X	343	X	345	X	X
	المحاط	blassend A 1.5	 					1 1	ulalarra de la contra del contra de la contra del la contra de la contra de la contra del la contra d			.1		
	Load dou	bleword and Add	immediate offse	et post-indexed				Load do	ubleword and subst	ract immediate off	set post-indexe	:a		

348	349	350	351	352	353	354	355	356	357	358	359	360	361
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	1	0	0	0	0	1	0	0	0
0	1	0	0	0	0	1	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	1	1	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	1	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	1	0	0	0	1	1	0	0	0
0	0	0	0	1	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	0	1	1	1	0	0	1	1	1	0	0
0	1	0	0	0	0	1	0	0	0	0	1	0	0
1	1	0	0	0	1	1	0	0	0	1	1	0	0
0	0	0	0	1	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	0	0	0	0	1
1	1	1	0	0	1	1	1	0	0	1	1	1	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1
х	x	x	1	x	х	х	x	1	X	х	х	Х	1
х	Х	x	0	х	Х	Х	X	0	X	х	х	Х	Х
Х	х	X	0	х	х	X	X	0	X	х	х	Х	Х
Х	Х	X	351	Х	X	X	X	356	Х	X	X	Х	361
Store signe	ed halfword w/ imr	mediate offset add	ded post-indexed		Store signed	halfword w/ imme	diate offset sub	stracted post-indexe	ed		Store dou	bleword w/ im	mediate offset

362	363	364	365	366	367	368	369	370	371	372	373	374	375
0	0	0	0	0	0	0	0	0	0	0	0	0	1
0	0	1	0	0	0	0	0	0	1	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0	1	0	0	0
1	0	0	0	1	0	1	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0	0	1	1	0
0	1	0	0	0	1	0	1	1	0	0	1	1	0
1	1	1	1	1	1	1	1	1	1 x		0	0 x	
1	1	1	1	1	1	1	1	1	1 x		0	0 x	
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	1
0	0	1	1	0	0	0	0	0	1	1	0	0	0
0	0	1	0	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	1	1	0	1	0	0	1	1	0	0	1
1	0	0	0	1	0	1	0	0	0	0	0	0	0
1	0	0	1	1	0	1	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	1	1	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	1
0	0	1	0	0	0	0	0	0	1	1	0	0	0
0	0	1	0	0	0	0	0	0	0	1	0	0	1
0	1	0	0	0	0	1	0	1	0	0	0	1	0
1	0	0	1	1	1	0	1	0	0	1	1	1	0
1	1	1	1	1	1	1	1	1	1	1	1	0	1
X	1	Х	X	Х	X	1	X	1	X	x X		1 x	
X	X	Х	X	Х	X	X	X	X	X	x X		0 x	
Х	X	Х	Х	Х	X	X	X	X	Х	x X		0 x	
X	363	Х	Х	X	Х	368	Х	370	X	хХ		374 X	
t added post-indexe	ed			Store d	loubleword w/ immed	liate offset sub	stract post-indexed			Load Reg	ister offset signe	d byte added	

	376	377	378	379	380	381	382	383	384	385	386	387	388	389
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	1	0	0	0	1	0	0	0	1	0
	0	0	1	0	0	0	1	0	0	0	1	0	0	0
	0	1	1	0	0	1	1	0	0	1	1	0	0	1
	0	1	1	0	0	1	1	0	0	1	1	0	0	1
X		0	0 x	x		0	0 x		х	0	0 x	х		1
X		0	0 x	х		1	1 x		х	1	1 x	х		1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	1	0	0	0	1	0	0	0	1	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	1	1	0	0	1	1	0	0	1	1	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	1	1	0	0	1	1	0	0	1	1	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	1	0	0	0	1	0	0	0	1	0	0	0	1	0
	0	0	0	1	1	0	0	1	0	0	0	1	1	0
	0	0	1	0	0	0	1	0	0	0	1	0	0	0
	1	1	1	0	1	1	1	0	1	1	1	0	1	1
	1	1	0	1	1	1	0	1	1	1	0	1	1	1
X	Х		1 x		x X		1 x		хх		1 x		x	X
X	X		0 x		x X		0 x		x X		0 x		X	
X	X		0 x		x X		0 x		x X		0 x		X	
X	x		378 X		хХ		382 X		x X		386 X		X	
												Cal	IC.	read
	Load Regist	er offset signed	d byte substract		Load Regi	ster offset sigr	ned halfword add		Load Registe	er offset signed h	nalfword substract			L

390	391	392	393	394	395	396	397	398	399	400	401	402	403
0	1	0	1	0	0	0	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	1	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0	1	0	0	0
1	0	1	0	0	0	1	0	1	0	0	1	0	0
1	0	1	0	0	1	1	0	1	0	0	0	0	0
1	0	1	0	0	1	1	0	1	0	0	0	1	1
1 x		1 x	х		1	1 x		1 x		0	0	0	0
1 x		1 x	х		1	1 x		1 x		1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	1	0	0
0	1	0	1	0	0	0	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	1	1	0	0	1	0	1	1	1	0	0
0	0	0	0	0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	1	0	0
0	1	0	1	1	0	0	1	0	1	1	0	0	0
0	1	0	1	0	0	0	1	0	1	0	0	0	0
0	0	0	0	1	0	0	0	0	0	1	0	0	0
0	1	0	1	0	0	0	1	0	1	1	0	0	0
1	0	1	0	0	0	1	0	1	0	0	0	0	1
1	1	1	0	1	1	1	1	1	0	1	1	1	1
0	1	0	1	1	1	0	1	0	1	1	1	1	1
1 x		1 x		x X		1 x		1 x		Х	х	Х	0
0 x		0 x		x X		0 x		0 x		Х	х	Х	0
0 x		0 x		x X		0 x		0 x		X	Х	X	0
390 X		392 X		x X		396 X		398 x		X	X	X	403
wair for MOC Lo	ad into registe	er	Calc	. read	,	wair for MOC Load	into register	•					
oad Register offset de	oubleword add				Load	Register offset doublev	word substrac	ct		Store Reg	ister offset signe	d halfword add	

404	405	406	407	408	409	410	411	412	413	414	415	416	417
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	0	0	0	0	1	0	0	0
0	1	0	0	0	1	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	1	1	1	1	0	0	1	1
0	0	0	0	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	0	1	1	0	0	0	0	1	1	0	0
0	1	0	0	0	1	0	0	0	0	0	1	0	0
0	1	0	0	0	1	0	0	0	0	0	1	0	0
1	0	0	0	1	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	0	0	0	0	1	0	0	0
0	0	0	0	1	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1	0	1	0	0	0	1
1	1	1	1	1	1	1	0	1	1	1	1	1	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1
х	Х	х	0	х	X	х	1	х	0	x	x	x	1
х	X	X	0	X	Х	Х	0	X	0	X	X	х	0
X	X	X	0	X	X	X	0	X	0	X	X	X	0
X	X	X	407	X	X	X	411	X	413	X	X	X	417
		16									_		
Store Regist	ter offset signed h	altword substract		Store Re	gister offset s d	oubleword add					Store Reg	ister offset doub	leword subtr

418	419	420	421	422	423	424	425	426	427	428	429	430	431
0	0	0	0	0	1	0	0	0	1	0	0	0	1
0	0	1	0	0	1	1	0	0	1	1	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	0	0	1	0	0	0	1	0	0	0	1	0
0	0	0	1	1	0	0	1	1	0	0	1	1	0
1	1	0	1	1	0	0	1	1	0	0	1	1	0
1	1	х	0	0	x	x	0	0	x	x	0	0	X
1	1	х	0	0	x	x	0	0	x	X	1	1	X
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	1	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	1	1	0	0	1	1	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	1	1	0	0	1	1	0	0	1
0	0	0	0	0	1	0	0	0	1	0	0	0	1
0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	1	0	0	1	0	0	0	1	1	0	0	1
0	1	0	0	1	0	0	0	1	0	0	0	1	0
1	1	1	1	1	0	1	1	1	0	1	1	1	0
1	1	1	1	0	1	1	1	0	1	1	1	0	1
X	0	Х	Х	1	х	X	X	1	Х	Х	X	1	Х
X	0		X	0	X	X	X	0			X		
X	0		X	122	X	X					X		
X	419	X	X	422	Х	X	X	426	X	Х	X	430	X
act		Load signed	I Ryte w/ Pegista	or offset added n	re_indeved	Load signed	Ryte w/ Pegister	offeet substrac	t nre-indeved	Load signed ha	alfword w/ Pegis	ster offset added	d nre-indeved
act		Load Signed	Byte w/ Registe	a onset added p	ii e-ii iu exeu	Luau signeu i	Byte w/ Register	OHSEL SUDSUICE	t pre-muexeu	Luau signed Ha	anword w/ Regis	SICI UIISEI AUUE	pre-muexeu

432	433	434	435	436	437	438	439	440	441	442	443	444	445
0	0	0	1	0	0	0	1	0	1	0	0	0	1
1	0	0	1	1	0	0	1	0	1	1	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	0	0	0	0	1	0	0	0
0	0	1	0	0	0	1	0	1	0	0	0	1	0
0	1	1	0	0	1	1	0	1	0	0	1	1	0
0	1	1	0	0	1	1	0	1	0	0	1	1	0
x	0	0	x	X	1	1	1	1	1	x	1	1	1
x	1	1	x	X	1	1	1	1	1	x	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1	0	1	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	1	1	0	0	1	0	1	1	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	1	1	0	0	1	0	1	1	0	0	1
0	0	0	1	0	0	0	1	0	1	0	0	0	1
1	0	0	0	1	0	0	0	0	0	1	0	0	0
0	0	0	1	1	0	0	1	0	1	0	0	0	1
0	0	1	0	0	0	1	0	1	0	0	0	1	0
1	1	1	0	1	1	1	0	1	0	1	1	1	1
1	1	0	1	1	1	0	1	0	1	1	1	0	1
x	X	1	Х	х	Х	1	Х	1	Х	х	х	1	X
X	х	0		х	Х	0	Х	0	Х	Х	х		
X		0			X	0	X	0	Х				
X	X	434	X	X	X	438	X	440	X	X	X	444	X
			_							Calc.	Read	Wait for MOC	Load Byte into Re
Load signed ha	Ifword w/ Registe	r offset substra	act pre-indexed		Load doubles	word w/ Registe	er offset added p	re-indexed		Load double	word w/ Registe	r offset substract	t pre-indexed

	446	447	448	449	450	451	452	453	454	455	456	457	458	459
	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	0	1	1	0	0	0	1	0	0	0	1	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1	0	0	0	1	0	0	0	1	0	0	0
	1	0	0	1	0	0	0	1	0	0	0	1	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	1	1	0	0	1	1	0	0	1	1
	1	1	0	0	0	0	0	0	0	0	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	1	1	1	0	0	1	1	0	0	1	1	0	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	0	0	0	1	0	0	0	1	0	0	0	1	0	0
	0	1	1	0	0	0	1	0	0	0	1	0	0	0
	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1	0	0	0	1	0	0	0	1	0	0	0
	0	1	1	0	0	0	0	0	0	0	1	0	0	0
	1	0	0	0	0	1	0	0	0	1	0	0	0	1
	1	0	1	1	1	1	1	1	1	1	1	1	1	0
	0	1	1	1	1	1	1	1	1	1	1	1	1	1
	1 x		х	х	х	0	Х	X	х	0	х	x	х	1
	0 x		х	х	х	0	Х	x	X	0	х	X	Х	0
	0 x		х	х	X	0	х	X		0		X		0
	446 x		X	X	X	451	X	X	X	455	X	X	X	459
egister									_	_		_		
			Store signed half	word w/ Registe	er offset added p	ore-indexed	Store signed ha	Ifword w/ Regist	ter offset substra	ct pre-indexed		Store double	eword w/ Registe	er offset added p

460	461	462	463	464	465	466	467	468	469	470	471	472	473
0	0	0	0	0	0	0	0	0	0	0	1	0	0
0	0	1	0	0	0	0	0	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	1	0	0	0	0	1
0	0	0	1	0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	1	1	0	0	0
1	1	0	0	1	1	1	1	0	1	1	0	0	0
1	1	1	1	1	1	1	1	x	0	0	x	x	X
1	1	1	1	1	1	1	1	x	0	0	x	x	X
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0	1	0	0	1	1	1
0	0	0	1	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0	0	1	0	0
0	0	1	0	0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0	0	1	1	0
0	1	0	0	0	1	0	1	0	0	1	0	0	0
1	1	1	1	1	0	1	1	1	1	1	1	0	1
1	1	1	1	1	1	1	1	1	1	0	1	1	1
X	0	x	x	x	1	x	x	X	X	1	x	х	X
X	0	x	х	х	0	х	х	x	х	0	Х	x	X
х	0	x	х	х		х	х	X	х		х	х	х
X	461	x	X	X	465	х	467	X	х	470	Х	х	X
ore-indexed			Store doublewo	ord w/ Register	offset subtracted	pre-indexed		Loa	d signed byte ar	nd Add Register	offset post-inde	xed	Load s

474	475	476	477	478	479	480	481	482	483	484	485	486	487
0	0	1	0	0	0	0	1	0	0	0	0	1	0
0	0	1	1	0	0	0	1	1	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1	0	0	0	0
0	1	0	0	0	0	1	0	0	0	0	1	0	0
1	1	0	0	0	1	1	0	0	0	1	1	0	0
1	1	0	0	0	1	1	0	0	0	1	1	0	0
0	0 x	х	x		0	0 x	х	×	(	0	0	(	(
0	0 x	х	x		1	1 x	х	×	(	1	1 >	(	(
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	1	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	1	1	0	0	1	1	1	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1	0	0	0	0
0	0	1	1	0	0	0	1	1	0	0	0	1	1
0	0	1	0	0	0	0	1	0	0	0	0	1	0
0	0	0	1	0	0	0	0	1	0	0	0	0	1
0	0	1	0	0	0	0	1	1	0	0	0	1	0
0	1	0	0	0	0	1	0	0	0	0	1	0	0
1	1	1	0	1	1	1	1	0	1	1	1	1	0
1	0	1	1	1	1	0	1	1	1	1	0	1	1
x	1	х	x	Х	х	1	X	х	x	х	1	x	X
X	0	X	х	X	Х	0	X	х	X	х	0	X	X
X	0	X	х	X	X	0	X	х	X	X	0	X	X
X	475	X	X	X	X	480	X	Х	X	X	485	X	X
signed byte and su	ıbstract Register offs	et post-indexed		Load si	gned halfword and A	Add Register off	set post-indexed		Load sign	ned halfword and	substract Regis	ster offset post-i	ndexed

	488	489	490	491	492	493	494	495	496	497	498	499	500	501
	0	0	0	1	0	1	0	0	0	0	1	0	1	0
	0	0	0	1	0	1	1	0	0	0	1	0	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	1	0	0	0	0	0	0
	0	0	1	0	1	0	0	0	0	1	0	1	0	0
	0	1	1	0	1	0	0	0	1	1	0	1	0	0
	0	1	1	0	1	0	0	0	1	1	0	1	0	0
x		1	1	1	1	1 x	x		1	1 x		1 x	x	
x		1	1	1	1	1 x	x		1	1 x		1 x	x	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	0	1	0	0	0	0	1	0	1	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	1	0	1	1	1	0	0	1	0	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	1	0	0	0	0	0	0
	0	0	0	1	0	1	1	0	0	0	1	0	1	1
	0	0	0	1	0	1	0	0	0	0	1	0	1	0
	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	0	0	0	1	0	1	1	0	0	0	1	0	1	0
	0	0	1	0	1	0	0	0	0	1	0	1	0	0
	1	1	1	1	1	1	0	1	1	1	1	1	1	0
	1	1	0	1	0	1	1	1	1	0	1	0	1	1
	X	X	1	X	1	Х	Х	X	X	1	X	1	X	X
	X	X	0	X	0	Х	X	X	X	0	X	0	X	X
	X	X	0	X	0	Х	х	X	Х	0	X	0	X	X
	X	Х	490	Х	492	X	х	X	X	497	X	499	X	X
	1 1 -1	ا ۸ ا اسمورواها،	d Daniet eff					1 1		atus at Danietes : "	at maat !!			
	Load dol	ubleword and Add	a Register offset	post-indexed				Load d	oubleword and sub	stract Register offs	et post-indexed	ַ		

502	503	504	505	506	507	508	509	510	511	512	513	514	515
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	1	0	0	0	0	1	0	0	0
0	1	0	0	0	0	1	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	1	1	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	1	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	0	1	1	1	0	0	1	1	1	0	0
0	1	0	0	0	0	1	0	0	0	0	1	0	0
1	1	0	0	0	1	1	0	0	0	1	1	0	0
0	0	0	0	1	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	0	0	0	0	1
1	1	1	0	0	1	1	1	0	0	1	1	1	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1
X	X	x	1	х	X	х	х	1	X	Х	х	х	1
X	X	X	0	х	X	X	Х	0	X	X	X	X	Х
X	X	X	0	Х	X	X	Х	0	X	X	X	X	X
X	X	X	505	Х	X	X	X	510	X	X	X	X	515
Store sign	Store signed halfword w/ Register offset added post-indexed  Store signed halfword w/ Register offset substracted post-indexed										Store do	ubleword w/ Re	egister offset a

516	517	518	519	520	521	522	523	524	525	526	527	528	529
0	0	0	0	0	0	0	0	0	0	1	1	1	1
0	0	1	0	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	1	0	1	1	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	х	x	x	x
1	1	1	1	1	1	1	1	1	1	х	x	x	x
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	1	1	0	1
0	0	1	0	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	1	1	0	1	0	0	1	0	0	0	0
1	0	0	0	1	0	1	0	0	0	0	0	0	0
1	0	0	1	1	0	1	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	1	0	0	0	0
0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	1	0	1	0	0	0	0	0
1	0	0	1	1	1	0	1	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1
X	1	x	X	x	x	1	x	1	х	x	x	x	x
X	X	х	x	x	X	x	X	x	х	х	x	x	x
X	х	х	X	X	х	х	х	x	x	х	x	x	x
X	517	Х	X	X	X	522	X	524	х	х	x	x	x
										CMP(shift)	CMP(Immediate	) TST(R-R)	TST(shift)
added post-indexe	d		Store doubleword w/ Register offset substract post-indexed										

530	531	532	533	534	535	536	537	538	539	540	541	542
1	1	1	1	1	1	1	1	1	0	0	1	1
0	0	0	0	0	0	0	1	1	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
x :	x	x	x	x	x	x	x	x	x	x	x	x
<b>x</b>	x	x	x	x	х	х	x	х	x	x	x	x
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	1	0	1	1	0	0	1	1	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0				0	0	0		0	0	0	
0	0			0	0	0			0	0		
0	0			0	0				0	0		
0	0				0							
0	0				0	0	0		0		0	
0	0				0	0						
0	0				0	0				_		
0	0	0	0	0	0	0	0	0	0	0		0
1	1	1	1	1	1	1	1	1	1	1	1	1
	X	X	X			X	X	X	X	X	X	X
	x x	x	x			x x	x x	x	x	x	x	x
	x	X	X			X	X	X	X		X	x
^	^		^	^					^	^	^	^
TST(Immediate)	TEQ(R-R)	TEQ(shift)	TEQ(Immediate)	CMN(R-R)	CMN(shift)	CMN(Immediate)	BEQ	BAL	MOV(Immediate)	MOV(Shift)	Add/Sub(R-R)S	Add/Sub(Shift)S
( 11 342)	-( /	(		,	(/	( = ======			( ======	(/		erformed depends

543	544	545	546	547	548	549	550	551	552	
1	0	0	0	0	0	0	0	0	0	
1	0	0	0	1	0	0	0	1	0	
0	0	0	0	0	0	0	0	0	0	
0	1	0	0	0	1	0	0	0	1	
0	0	0	1	0	0	0	1	0	0	
0	0	1	1	0	0	1	1	0	0	
0	0	1	1	0	0	1	1	0	0	
X	х	X	x	X	X	x	x x		x	
X	х	X	x	X	X	x	x x		X	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	1	0	0	0	1	0	
1	1	0	0	0	1	0	0	0	1	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	1	0	0	1	1	0	0	1	1	
0	0	0	0	0	0	0	0	0	0	
0	1	0	0	1	1	0	0	1	1	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	1	1	0	0	0	0	
0	1	1	1	1	1	1	1	1	1	
0	1	1	0	1	1	1	0	1	1	
1	0	0	1	1	0	0	1	1	0	
X		X	1	0			1	0		
		X	0	1		(	0	1		
		X	0	0		(	0	0		
X	X	X	546	544	X	(	550	548	X	
A 1-1/0 1-7/1 22 1-2-2-2										
Add/Sub(Immediate)S		NAME TO A STATE OF THE STATE OF	A /:			NAULiala Laad (10)				
on the Inst. Register		Multiple Load w/ I	A(Increment after)		Multiple Load w/ IB(increment before)					

0	0			557	558	559	560	561	562
	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1	0	0
1	0	0	0	1	0	0	0	0	1
0	0	0	0	0	0	0	0	1	1
0	1	1	0	0	1	1	0	1	1
x	x	X	х	x	X	x x		х	x
X	x	x	х	х	х	x x		Х	x
0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	1	1	0	0	1	0	0
1	0	0	0	1	0	0	0	0	0
1	0	1	1	1	0	1	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	1	1	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	0
0	0	1	0	0	0		0	0	1
X					X	1 x			1
Х		0			X	0 x			0
X X		0			X	0 x			0
X X		552	X	X	X	552 x	X		562
Multiple Store w/ IA(	(Increment After)			Multiple Store w/ IE	(Increment before)			Multiple Load w/ DA	(decrement after)

563	564	565	566	567	568	569	570	571	572
0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0	0	1
0	0	0	1	0	0	1	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	1	1	0	0	0	1	1	0
X	Х	X	X	(	х	х	х	х	х
X	Х	X	X	(	х	х	х	х	х
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
1	0	0	0	1	0	0	0	0	0
0	1	0	0	0	1	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	1	0	0	1	1	1	0	0	1
0	0	0	0	0	0	1	0	0	0
1	0	0	0	1	0	1	0	1	0
0	1	0	0	0	1	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0	0	1
1	0	0	0	0	0	0	0	1	0
1	1	1	1	1	1	1	1	1	1
1	1	1	0	1	1	1	1	1	1
1	0	0	1	1	0	0	0	1	0
0		X	1	0		X			X
1		X	0	1			<b>(</b>	0	
0 560		X	566	0 564			<b>(</b>	571	
500	X	X	500	504	X	X	(	5/1	X
		Multiple Load w/ DB	(decrement hefore)			Multiple Store w/ DA	(decrement After)		
		iviuitipie Luau w/ DB	(decrement before)						

0 0 0	0 0 0	
0	0	1 0
0	0	0
1		0
1	0	0
0	0	0
0	1	1
х	х	X
х	х	х
0	0	0
1	0	0
0	0	0
0	0	0
0	0	0
0	0	0
1	0	0
1	0	0
1	0	1
0	0	0
0	0	0
0	0	0
0	0	0
1	1	1
1	1	1
0	0	1
K	x	1
K	x	0
K	X	0
x	x	575
Multiple Store w/ D	B(decrement before)	