

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				2 *****
				3 *
				4 * TRTE basic instruction tests
				5 *
				6 *****
				7 *
				8 * This program tests proper functioning of the TRTE instructions.
				9 * Specification Exceptions are not tested.
				10 *
				11 * PLEASE NOTE that the tests are very SIMPLE TESTS designed to catch
				12 * obvious coding errors. None of the tests are thorough. They are
				13 * NOT designed to test all aspects of any of the instructions.
				14 *
				15 * NOTE: This test is based on the CLCL-et-al Test but modified to
				16 * only test the TRTE instruction. -- James Wekel October 2022
				17 *
				18 *****
				19 *
				20 * Example Hercules Testcase:
				21 *
				22 *
				23 * *Testcase TRTE-01-basic (Test TRTE instructions)
				24 *
				25 * # -----
				26 * # This tests only the basic function of the TRTE instruction.
				27 * # Specification Exceptions are NOT tested.
				28 * # -----
				29 *
				30 * mainsize 16
				31 * numcpu 1
				32 * sysclear
				33 * archlvl z/Arch
				34 * loadcore "TRTE-01-basic.core" 0x0
				35 * runtest 1
				36 * *Done
				37 *
				38 *
				39 *****
00000000		00000000	000E3F59	41 TRTE1TST START 0
		00000000		42 USING TRTE1TST,R0 Low core addressability
00000000		00000000	000001A0	44 ORG TRTE1TST+X'1A0' z/Architecture RESTART PSW
000001A0	00000001 80000000			45 DC X'0000000180000000'
000001A8	00000000 00000200			46 DC AD(BEGIN)
000001B0		000001B0	000001D0	48 ORG TRTE1TST+X'1D0' z/Architecture PROGRAM CHECK PSW
000001D0	00020001 80000000			49 DC X'0002000180000000'
000001D8	00000000 0000DEAD			50 DC AD(X'DEAD')
000001E0		000001E0	00000200	52 ORG TRTE1TST+X'200' Start of actual test program...

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				54	*****
				55	* The actual "TRTE1TST" program itself...
				56	*****
				57	*
				58	* Architecture Mode: z/Arch
				59	* Register Usage:
				60	*
				61	* R0 (work)
				62	* R1 TRTE - Function-Code Table Address
				63	* R2 TRTE - First-Operand Address
				64	* R3 TRTE - First-Operand Length
				65	* R4 TRTE - Function-Code
				66	* R5 Testing control table - base current entry
				67	* R6-R7 (work)
				68	* R8 First base register
				69	* R9 Second base register
				70	* R10-R13 (work)
				71	* R14 Subroutine call
				72	* R15 Secondary Subroutine call or work
				73	*
				74	*****
00000200		00000200		76	USING BEGIN,R8 FIRST Base Register
00000200		00001200		77	USING BEGIN+4096,R9 SECOND Base Register
00000200	0580			79	BEGIN BALR R8,0 Initalize FIRST base register
00000202	0680			80	BCTR R8,0 Initalize FIRST base register
00000204	0680			81	BCTR R8,0 Initalize FIRST base register
00000206	4190 8800		00000800	83	LA R9,2048(,R8) Initalize SECOND base register
0000020A	4190 9800		00000800	84	LA R9,2048(,R9) Initalize SECOND base register
				86	*****
				87	* Run the test(s)...
				88	*****
0000020E	45E0 8302		00000502	90	BAL R14,TEST01 Test TRTE instruction
				92	*****
				93	* Test for normal or unexpected test completion...
				94	*****
00000212	95FC 8200		00000400	96	CLI TESTNUM,X'FC' Did we end on expected test?
00000216	4770 83F0		000005F0	97	BNE FAILTEST No?! Then FAIL the test!
0000021A	9503 8201		00000401	99	CLI SUBTEST,X'03' Did we end on expected SUB-test?
0000021E	4770 83F0		000005F0	100	BNE FAILTEST No?! Then FAIL the test!
00000222	47F0 83D8		000005D8	102	B EOJ Yes, then normal completion!

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				104	*****
				105	* Fixed test storage locations ...
				106	*****
00000226		00000226	00000400	108	ORG TRTE1TST+X'400'
00000400				110	TESTADDR DS 0D Where test/subtest numbers will go
00000400	99			111	TESTNUM DC X'99' Test number of active test
00000401	99			112	SUBTEST DC X'99' Active test sub-test number

00000402                    00000402   00000502   114            ORG    \*+X'100'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
				116	*****		
				117	*	TEST01	Test TRTE instruction
				118	*****		
00000502	9201 8200		00000400	120	TEST01	MVI TESTNUM,X'01'	
00000506	4150 83F8		000005F8	122		LA R5,TRTECTL	Point R5 --> testing control table
0000050A		00000000		123		USING TRTETEST,R5	What each table entry looks like
		0000050A	00000001	125	TST1LOOP	EQU *	
0000050A	4360 5000		00000000	126		IC R6,TNUM	Set test number
0000050E	4260 8200		00000400	127		STC R6,TESTNUM	
				128	*		
				129	**	Initialize operand data	(move data to testing address)
				130	*		
00000512	58A0 5018		00000018	131		L R10,OP1WHERE	Where to move operand-1 data to
00000516	58B0 5008		00000008	132		L R11,OP1LEN	Get operand-1 length
0000051A	50B0 501C		0000001C	133		ST R11,OP1WLEN	and save for later
0000051E	5860 5004		00000004	134		L R6,OP1DATA	Where op1 data is right now
00000522	5870 5008		00000008	135		L R7,OP1LEN	How much of it there is
00000526	0EA6			136		MVCL R10,R6	
				137	*		
00000528	58A0 5014		00000014	138		L R10,OP2WHERE	Where to move operand-2 data to
0000052C	58B0 5010		00000010	139		L R11,OP2LEN	How much of it there is
00000530	5860 500C		0000000C	140		L R6,OP2DATA	Where op2 data is right now
00000534	5870 5010		00000010	141		L R7,OP2LEN	How much of it there is
00000538	0EA6			142		MVCL R10,R6	
				144	*		
				145	**	Execute TRTE instruction and check for expected condition code	
				146	*		
0000053A	9814 5014		00000014	147		LM R1,R4,OPSWHERE	get TRTE input
0000053E	1B77			149		SR R7,R7	get M3 bits for TRTE
00000540	4370 5003		00000003	150		IC R7,M3	(M3)
00000544	4270 8356		00000556	151		STC R7,TRTEMOD+2	DYNAMICALLY MODIFIED CODE
00000548	58B0 5024		00000024	153		L R11,FAILMASK	(failure CC)
0000054C	89B0 0004		00000004	154		SLL R11,4	(shift to BC instr CC position)
00000550	9200 8201		00000401	156		MVI SUBTEST,X'00'	(primary TRT)
00000554	B9BF 0024			157	TRTEMOD	TRTE R2,R4,0	Start with TRTE and m3=0
00000558	9014 83A8		000005A8	159		STM R1,R4,SAVETRT	(save R1/R4 results)
0000055C	44B0 839E		0000059E	160		EX R11,TRTEBC	fail if...
00000560	4710 8354		00000554	161		BC B'0001',TRTEMOD	cc=3, not finished

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
				163 *			
				164 **	Verify R2,R3,R4 contain (or still contain!) expected values		
				165 *			
00000564	98AC 5028		00000028	166	LM	R10,R12,ENDREGS	
00000568	9201 8201		00000401	168	MVI	SUBTEST,X'01'	(R2 result - op1 found addr)
0000056C	152A			169	CLR	R2,R10	R2 correct?
0000056E	4770 8398		00000598	170	BNE	TRTEFAIL	No, FAILTEST!
00000572	9202 8201		00000401	172	MVI	SUBTEST,X'02'	(R3 result - op1 remaining len)
00000576	153B			173	CLR	R3,R11	R3 correct
00000578	4770 8398		00000598	174	BNE	TRTEFAIL	No, FAILTEST!
0000057C	9203 8201		00000401	176	MVI	SUBTEST,X'03'	(R4 result - FC code)
00000580	154C			177	CLR	R4,R12	R4 correct
00000582	4770 8398		00000598	178	BNE	TRTEFAIL	No, FAILTEST!
00000586	4150 5034		00000034	180	LA	R5,TRTENEXT	Go on to next table entry
0000058A	D503 83F4 5000	000005F4	00000000	181	CLC	=F'0',0(R5)	End of table?
00000590	4770 830A		0000050A	182	BNE	TST1LOOP	No, loop...
00000594	47F0 839C		0000059C	183	B	TRTEDONE	Done! (success!)
00000598	41E0 83F0		000005F0	185	TRTEFAIL	LA R14,FAILTEST	Unexpected results!
0000059C	07FE			186	TRTEDONE	BR R14	Return to caller or FAILTEST
0000059E	4700 8398		00000598	188	TRTEBC	BC 0,TRTEFAIL	(fail if unexpected condition code)
000005A8	00000000 00000000			190	SAVETRT	DC 4D'0'	(saved R1/R4 from TRT results)
000005C8				192	DROP	R5	
000005C8				193	DROP	R15	
000005C8		00000200		194	USING	BEGIN,R8	

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				196	*****
				197	* Normal completion or Abnormal termination PSWs
				198	*****
000005C8	00020001 80000000			200	EJPSW DC 0D'0',X'0002000180000000',AD(0)
000005D8	B2B2 83C8		000005C8	202	EJ LPSWE EJPSW Normal completion
000005E0	00020001 80000000			204	FAILPSW DC 0D'0',X'0002000180000000',AD(X'BAD')
000005F0	B2B2 83E0		000005E0	206	FAILTEST LPSWE FAILPSW Abnormal termination
				208	*****
				209	* Working Storage
				210	*****
000005F4				212	LTORG , Literals pool
000005F4	00000000			213	=F'0'
		00000400	00000001	215	K EQU 1024 One KB
		00001000	00000001	216	PAGE EQU (4*K) Size of one page
		00010000	00000001	217	K64 EQU (64*K) 64 KB
		00100000	00000001	218	MB EQU (K*K) 1 MB

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
		00000000	000E3F59	220 TRTE1TST CSECT ,	
				222 *****	
				223 * TRTETEST DSECT	
				224 *****	
				226 TRTETEST DSECT ,	
00000000	00			227 TNUM DC X'00'	TRTE table Number
00000001	00			228 DC X'00'	
00000002	00			229 DC X'00'	
00000003	00			230 M3 DC X'00'	M3 byte stored into TRTE instruction
				232 OP1DATA DC A(0)	Pointer to Operand-1 data
00000004	00000000			233 OP1LEN DC F'0'	How much data is there - 1
00000008	00000000			234 OP2DATA DC A(0)	Pointer to FC table data
0000000C	00000000			235 OP2LEN DC F'0'	How much data is there - FC Table
		00000014	00000001	237 OPSWHERE EQU *	
00000014	00000000			238 OP2WHERE DC A(0)	Where FC Table data should be placed
00000018	00000000			239 OP1WHERE DC A(0)	Where Operand-1 data should be placed
0000001C	00000000			240 OP1WLEN DC F'0'	How much data is there - 1
00000020	00000000			241 DC A(0)	pollute - found FC
00000024	00000000			243 FAILMASK DC A(0)	Failure Branch on Condition mask
				245 *	Ending register values
00000028	00000000			246 ENDREGS DC A(0)	Operand 1 address
0000002C	00000000			247 DC A(0)	Operand 1 length
00000030	00000000			248 DC A(0)	Function Code
		00000034	00000001	250 TRTENEXT EQU *	Start of next table entry...
		AABBCCDD	00000001	252 REG2PATT EQU X'AABBCCDD'	Polluted Register pattern
		000000DD	00000001	253 REG2LOW EQU X'DD'	(last byte above)

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				255	*****
				256	* TRTE Testing Control tables (ref: TRTETEST DSECT)
				257	*****
000005F8		00000000	000E3F59	259	TRTE1TST CSECT ,
				260	PRINT DATA
				261	TRTECTL DC 0A(0) start of table
				263	*****
				264	* tests with M3: A=0,F=0,L=0, reserved=0 (0)
				265	* FC Table = 1 byte
				266	*****
000005F8				268	M0T1 DS 0F
000005F8	01			269	DC X'01' Test Num
000005F9	0000			270	DC X'00',X'00'
000005FB	00			271	DC X'00' M3: A=0,F=0,L=0
000005FC	00001438	00000001		272	DC A(TRTOP10),A(001) Source - Op 1 & length
00000604	00003138	00000100		273	DC A(TRTOP20),A(256) Source - FC Table & length
				274	* Target -
0000060C	00110000	00210000		275	DC A(1*MB+(1*K64)),A(2*MB+(1*K64)),A(0) FC, Op1, Op1L
00000614	00000000				
00000618	AABBCCDD			276	DC A(REG2PATT)
0000061C	00000007			277	DC A(7) CC0
00000620	00210001	00000000		278	DC A(2*MB+(1*K64)+001),A(000),A(0)
00000628	00000000				
0000062C				280	M0T2 DS 0F
0000062C	02			281	DC X'02' Test Num
0000062D	0000			282	DC X'00',X'00'
0000062F	00			283	DC X'00' M3: A=0,F=0,L=0
00000630	00001438	00000002		284	DC A(TRTOP10),A(002) Source - Op 1 & length
00000638	00003138	00000100		285	DC A(TRTOP20),A(256) Source - FC Table & length
				286	* Target -
00000640	00120000	00220000		287	DC A(MB+(2*K64)),A(2*MB+(2*K64)),A(0) FC, Op1, Op1L
00000648	00000000				
0000064C	AABBCCDD			288	DC A(REG2PATT)
00000650	00000007			289	DC A(7) CC0
00000654	00220002	00000000		290	DC A(2*MB+(2*K64)+002),A(000),A(0)
0000065C	00000000				
00000660				292	M0T3 DS 0F
00000660	03			293	DC X'03' Test Num
00000661	0000			294	DC X'00',X'00'
00000663	00			295	DC X'00' M3: A=0,F=0,L=0
00000664	00001438	00000004		296	DC A(TRTOP10),A(004) Source - Op 1 & length
0000066C	00003138	00000100		297	DC A(TRTOP20),A(256) Source - FC Table & length
				298	* Target -
00000674	00130000	00230000		299	DC A(MB+(3*K64)),A(2*MB+(3*K64)),A(0) FC, Op1, Op1L
0000067C	00000000				
00000680	AABBCCDD			300	DC A(REG2PATT)
00000684	00000007			301	DC A(7) CC0
00000688	00230004	00000000		302	DC A(2*MB+(3*K64)+004),A(000),A(0)
00000690	00000000				



LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
00000694				304	M0T4	DS	0F
00000694	04			305		DC	X'04'
00000695	0000			306		DC	X'00',X'00'
00000697	00			307		DC	X'00'
00000698	00001438	00000008		308		DC	A(TRTOP10),A(008)
000006A0	00003138	00000100		309		DC	A(TRTOP20),A(256)
				310	*		Target -
000006A8	00140000	00240000		311		DC	A(MB+(4*K64)),A(2*MB+(4*K64)),A(0) FC, Op1, Op1L
000006B0	00000000						
000006B4	AABBCCDD			312		DC	A(REG2PATT)
000006B8	00000007			313		DC	A(7) CC0
000006BC	00240008	00000000		314		DC	A(2*MB+(4*K64)+008),A(000),A(0)
000006C4	00000000						
000006C8				316	M0T5	DS	0F
000006C8	05			317		DC	X'05'
000006C9	0000			318		DC	X'00',X'00'
000006CB	00			319		DC	X'00'
000006CC	00001438	00000100		320		DC	A(TRTOP10),A(256)
000006D4	00003138	00000100		321		DC	A(TRTOP20),A(256)
				322	*		Target -
000006DC	00150000	00250000		323		DC	A(MB+(5*K64)),A(2*MB+(5*K64)),A(0) FC, Op1, Op1L
000006E4	00000000						
000006E8	AABBCCDD			324		DC	A(REG2PATT)
000006EC	00000007			325		DC	A(7) CC0
000006F0	00250100	00000000		326		DC	A(2*MB+(5*K64)+256),A(000),A(0)
000006F8	00000000						
000006FC				328	M0T6	DS	0F
000006FC	06			329		DC	X'06'
000006FD	0000			330		DC	X'00',X'00'
000006FF	00			331		DC	X'00'
00000700	00001538	00000100		332		DC	A(TRTOP111),A(256)
00000708	00023238	00000100		333		DC	A(TRTOP211),A(256)
				334	*		Target -
00000710	0015FFE0	0025FFF4		335		DC	A(MB+(6*K64)-32),A(2*MB+(6*K64)-12),A(0) FC, Op1, Op1L
00000718	00000000						
0000071C	AABBCCDD			336		DC	A(REG2PATT)
00000720	0000000A			337		DC	A(10) CC1 or CC3
00000724	00260005	000000EF		338		DC	A(2*MB+(6*K64)-12+X'11'),A(256-X'11'),XL4'11'
0000072C	00000011						

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
00000730				340 M0T7	DS	0F	
00000730	07			341	DC	X'07'	Test Num
00000731	0000			342	DC	X'00',X'00'	
00000733	00			343	DC	X'00'	M3: A=0,F=0,L=0
00000734	00001638	00000100		344	DC	A(TRTOP1F0),A(256)	Source - Op 1 & length
0000073C	00023338	00000100		345	DC	A(TRTOP2F0),A(256)	Source - FC Table & length
				346 *			Target -
00000744	00170000	0026FFF4		347	DC	A(MB+(7*K64)),A(2*MB+(7*K64)-12),A(0)	FC, Op1, Op1L
0000074C	00000000						
00000750	AABBCCDD			348	DC	A(REG2PATT)	
00000754	0000000A			349	DC	A(10) CC1 or CC3	
00000758	002700F3	00000001		350	DC	A(2*MB+(7*K64)-12+255),A(256-255),XL4'F0'	
00000760	000000F0						
00000764				352 M0T8	DS	0F	
00000764	08			353	DC	X'08'	Test Num
00000765	0000			354	DC	X'00',X'00'	
00000767	00			355	DC	X'00'	M3: A=0,F=0,L=0
00000768	00001538	00000100		356	DC	A(TRTOP111),A(256)	Source - Op 1 & length
00000770	00023238	00000100		357	DC	A(TRTOP211),A(256)	Source - FC Table & length
				358 *			Target -
00000778	0017FFE0	00280000		359	DC	A(MB+(8*K64)-32),A(2*MB+(8*K64)),A(0)	FC, Op1, Op1L
00000780	00000000						
00000784	AABBCCDD			360	DC	A(REG2PATT)	
00000788	0000000B			361	DC	A(11) CC1	
0000078C	00280011	000000EF		362	DC	A(2*MB+(8*K64)+X'11'),A(256-X'11'),XL4'11'	
00000794	00000011						
00000798				364 M0T9	DS	0F	
00000798	09			365	DC	X'09'	Test Num
00000799	0000			366	DC	X'00',X'00'	
0000079B	00			367	DC	X'00'	M3: A=0,F=0,L=0
0000079C	00001938	00000800		368	DC	A(TRT01L0),A(2048)	Source - Op 1 & length
000007A4	00003138	00000100		369	DC	A(TRTOP20),A(256)	Source - FC Table & length
				370 *			Target -
000007AC	00190000	00290000		371	DC	A(MB+(9*K64)),A(2*MB+(9*K64)),A(0)	FC, Op1, Op1L
000007B4	00000000						
000007B8	AABBCCDD			372	DC	A(REG2PATT)	
000007BC	00000007			373	DC	A(7) CC0	
000007C0	00290800	00000000		374	DC	A(2*MB+(9*K64)+2048),A(000),A(0)	
000007C8	00000000						

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
000007CC				376	M0T10	DS	0F
000007CC	0A			377		DC	X'0A'
000007CD	0000			378		DC	X'00',X'00'
000007CF	00			379		DC	X'00'
000007D0	00002138	00000800		380		DC	A(TRT01L11),A(2048)
000007D8	00023238	00000100		381		DC	A(TRTOP211),A(256)
				382	*		Target -
000007E0	001A0000	0029FF38		383		DC	A(MB+(10*K64)),A(2*MB+(10*K64)-200),A(0) FC, Op1, Op1L
000007E8	00000000						
000007EC	AABBCCDD			384		DC	A(REG2PATT)
000007F0	0000000A			385		DC	A(10) CC1 or CC3
000007F4	002A0339	000003FF		386		DC	A(2*MB+(10*K64)-200+(4*256)+1),A(1023),X14'11'
000007FC	00000011						
00000800				388	M0T11	DS	0F
00000800	0B			389		DC	X'0B'
00000801	0000			390		DC	X'00',X'00'
00000803	00			391		DC	X'00'
00000804	00002938	00000800		392		DC	A(TRT01LF0),A(2048)
0000080C	00023338	00000100		393		DC	A(TRTOP2F0),A(256)
				394	*		Target -
00000814	001AFFC0	002B0000		395		DC	A(MB+(11*K64)-64),A(2*MB+(11*K64)),A(0) FC, Op1, Op1L
0000081C	00000000						
00000820	AABBCCDD			396		DC	A(REG2PATT)
00000824	0000000B			397		DC	A(11) CC1
00000828	002B07FF	00000001		398		DC	A(2*MB+(11*K64)+2048-1),A(1),X14'F0'
00000830	000000F0						

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				400 *****	
				401 * tests with M3: A=0,F=1,L=0, reserved=0 (4)	
				402 * FC Table = 2 bytes	
				403 *****	
00000834				405 M4T1 DS 0F	
00000834	41			406 DC X'41'	Test Num
00000835	0000			407 DC X'00',X'00'	
00000837	40			408 DC X'40'	M3: A=0,F=1,L=0
00000838	00001438	00000001		409 DC A(TRTOP10),A(001)	Source - Op 1 & length
00000840	00003138	00000200		410 DC A(TRTOP20),A(512)	Source - FC Table & length
				411 *	Target -
00000848	00310000	00410000		412 DC A(3*MB+(1*K64)),A(4*MB+(1*K64)),A(0)	FC, Op1, Op1L
00000850	00000000				
00000854	AABBCCDD			413 DC A(REG2PATT)	
00000858	00000007			414 DC A(7) CC0	
0000085C	00410001	00000000		415 DC A(4*MB+(1*K64)+001),A(000),A(0)	
00000864	00000000				
00000868				417 M4T2 DS 0F	
00000868	42			418 DC X'42'	Test Num
00000869	0000			419 DC X'00',X'00'	
0000086B	40			420 DC X'40'	M3: A=0,F=1,L=0
0000086C	00001438	00000002		421 DC A(TRTOP10),A(002)	Source - Op 1 & length
00000874	00003138	00000200		422 DC A(TRTOP20),A(512)	Source - FC Table & length
				423 *	Target -
0000087C	00320000	00420000		424 DC A(3*MB+(2*K64)),A(4*MB+(2*K64)),A(0)	FC, Op1, Op1L
00000884	00000000				
00000888	AABBCCDD			425 DC A(REG2PATT)	
0000088C	00000007			426 DC A(7) CC0	
00000890	00420002	00000000		427 DC A(4*MB+(2*K64)+002),A(000),A(0)	
00000898	00000000				
0000089C				429 M4T3 DS 0F	
0000089C	43			430 DC X'43'	Test Num
0000089D	0000			431 DC X'00',X'00'	
0000089F	40			432 DC X'40'	M3: A=0,F=1,L=0
000008A0	00001438	00000004		433 DC A(TRTOP10),A(004)	Source - Op 1 & length
000008A8	00003138	00000200		434 DC A(TRTOP20),A(512)	Source - FC Table & length
				435 *	Target -
000008B0	00340000	00440000		436 DC A(3*MB+(4*K64)),A(4*MB+(4*K64)),A(0)	FC, Op1, Op1L
000008B8	00000000				
000008BC	AABBCCDD			437 DC A(REG2PATT)	
000008C0	00000007			438 DC A(7) CC0	
000008C4	00440004	00000000		439 DC A(4*MB+(4*K64)+004),A(000),A(0)	
000008CC	00000000				

LOC	OBJECT CODE	ADDR1	ADDR2	STMT		
000008D0				441 M4T4	DS	0F
000008D0	44			442	DC	X'44'
000008D1	0000			443	DC	X'00',X'00'
000008D3	40			444	DC	X'40'
000008D4	00001438	00000008		445	DC	A(TRTOP10),A(008)
000008DC	00003138	00000200		446	DC	A(TRTOP20),A(512)
				447 *		Target -
000008E4	00340000	00440000		448	DC	A(3*MB+(4*K64)),A(4*MB+(4*K64)),A(0) FC, Op1, Op1L
000008EC	00000000					
000008F0	AABBCCDD			449	DC	A(REG2PATT)
000008F4	00000007			450	DC	A(7) CC0
000008F8	00440008	00000000		451	DC	A(4*MB+(4*K64)+008),A(000),A(0)
00000900	00000000					
00000904				453 M4T5	DS	0F
00000904	45			454	DC	X'45'
00000905	0000			455	DC	X'00',X'00'
00000907	40			456	DC	X'40'
00000908	00001438	00000100		457	DC	A(TRTOP10),A(256)
00000910	00003138	00000200		458	DC	A(TRTOP20),A(512)
				459 *		Target -
00000918	00350000	00450000		460	DC	A(3*MB+(5*K64)),A(4*MB+(5*K64)),A(0) FC, Op1, Op1L
00000920	00000000					
00000924	AABBCCDD			461	DC	A(REG2PATT)
00000928	00000007			462	DC	A(7) CC0
0000092C	00450100	00000000		463	DC	A(4*MB+(5*K64)+256),A(000),A(0)
00000934	00000000					
00000938				465 M4T6	DS	0F
00000938	46			466	DC	X'46'
00000939	0000			467	DC	X'00',X'00'
0000093B	40			468	DC	X'40'
0000093C	00001538	00000100		469	DC	A(TRTOP111),A(256)
00000944	00023438	00000200		470	DC	A(TRTOP411),A(512)
				471 *		Target -
0000094C	0035FFE0	0045FFF4		472	DC	A(3*MB+(6*K64)-32),A(4*MB+(6*K64)-12),A(0) FC, Op1, Op1L
00000954	00000000					
00000958	AABBCCDD			473	DC	A(REG2PATT)
0000095C	0000000A			474	DC	A(10) CC1 or CC3
00000960	00460005	000000EF		475	DC	A(4*MB+(6*K64)-12+X'11'),A(256-X'11'),XL4'11'
00000968	00000011					

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
0000096C				477 M4T7	DS	0F	
0000096C	47			478	DC	X'47'	Test Num
0000096D	0000			479	DC	X'00',X'00'	
0000096F	40			480	DC	X'40'	M3: A=0,F=1,L=0
00000970	00001638	00000100		481	DC	A(TRTOP1F0),A(256)	Source - Op 1 & length
00000978	00023638	00000200		482	DC	A(TRTOP4F0),A(512)	Source - FC Table & length
				483 *			Target -
00000980	00370000	0046FFF4		484	DC	A(3*MB+(7*K64)),A(4*MB+(7*K64)-12),A(0) FC, Op1, Op1L	
00000988	00000000						
0000098C	AABBCCDD			485	DC	A(REG2PATT)	
00000990	0000000A			486	DC	A(10) CC1 or CC3	
00000994	004700F3	00000001		487	DC	A(4*MB+(7*K64)-12+255),A(256-255),XL4'F0'	
0000099C	000000F0						
000009A0				489 M4T8	DS	0F	
000009A0	48			490	DC	X'48'	Test Num
000009A1	0000			491	DC	X'00',X'00'	
000009A3	40			492	DC	X'40'	M3: A=0,F=1,L=0
000009A4	00001538	00000100		493	DC	A(TRTOP111),A(256)	Source - Op 1 & length
000009AC	00023438	00000200		494	DC	A(TRTOP411),A(512)	Source - FC Table & length
				495 *			Target -
000009B4	0037FFE0	00480000		496	DC	A(3*MB+(8*K64)-32),A(4*MB+(8*K64)),A(0) FC, Op1, Op1L	
000009BC	00000000						
000009C0	AABBCCDD			497	DC	A(REG2PATT)	
000009C4	0000000B			498	DC	A(11) CC1	
000009C8	00480011	000000EF		499	DC	A(4*MB+(8*K64)+X'11'),A(256-X'11'),XL4'11'	
000009D0	00000011						
000009D4				501 M4T9	DS	0F	
000009D4	49			502	DC	X'49'	Test Num
000009D5	0000			503	DC	X'00',X'00'	
000009D7	40			504	DC	X'40'	M3: A=0,F=1,L=0
000009D8	00001938	00000800		505	DC	A(TRTOP1L0),A(2048)	Source - Op 1 & length
000009E0	00003138	00000200		506	DC	A(TRTOP20),A(512)	Source - FC Table & length
				507 *			Target -
000009E8	00390000	00490000		508	DC	A(3*MB+(9*K64)),A(4*MB+(9*K64)),A(0) FC, Op1, Op1L	
000009F0	00000000						
000009F4	AABBCCDD			509	DC	A(REG2PATT)	
000009F8	00000007			510	DC	A(7) CC0	
000009FC	00490800	00000000		511	DC	A(4*MB+(9*K64)+2048),A(000),A(0)	
00000A04	00000000						

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
00000A08				513 M4T10	DS	0F	
00000A08	4A			514	DC	X'4A'	Test Num
00000A09	0000			515	DC	X'00',X'00'	
00000A0B	40			516	DC	X'40'	M3: A=0,F=1,L=0
00000A0C	00002138	00000800		517	DC	A(TRT01L11),A(2048)	Source - Op 1 & length
00000A14	00023438	00000200		518	DC	A(TRTOP411),A(512)	Source - FC Table & length
				519 *			Target -
00000A1C	003A0000	0049FF38		520	DC	A(3*MB+(10*K64)),A(4*MB+(10*K64)-200),A(0) FC, Op1, Op1L	
00000A24	00000000						
00000A28	AABBCCDD			521	DC	A(REG2PATT)	
00000A2C	0000000A			522	DC	A(10) CC1 or CC3	
00000A30	004A0339	000003FF		523	DC	A(4*MB+(10*K64)-200+(4*256)+1),A(1023),XL4'11'	
00000A38	00000011						
00000A3C				525 M4T11	DS	0F	
00000A3C	4B			526	DC	X'4B'	Test Num
00000A3D	0000			527	DC	X'00',X'00'	
00000A3F	40			528	DC	X'40'	M3: A=0,F=1,L=0
00000A40	00002938	00000800		529	DC	A(TRT01LF0),A(2048)	Source - Op 1 & length
00000A48	00023638	00000200		530	DC	A(TRTOP4F0),A(512)	Source - FC Table & length
				531 *			Target -
00000A50	003AFFC0	004B0000		532	DC	A(3*MB+(11*K64)-64),A(4*MB+(11*K64)),A(0) FC, Op1, Op1L	
00000A58	00000000						
00000A5C	AABBCCDD			533	DC	A(REG2PATT)	
00000A60	0000000B			534	DC	A(11) CC1	
00000A64	004B07FF	00000001		535	DC	A(4*MB+(11*K64)+2048-1),A(1),XL4'F0'	
00000A6C	000000F0						



LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				537	*****
				538	* tests with M3: A=1,F=0,L=0, reserved=0 (8)
				539	* FC Table : SIZE: 65,536 (2 BYTE ARGUMENT)
				540	*
				541	* Note: Op1 length must be a multiple of 2
				542	*****
00000A70				544	M8T1 DS 0F
00000A70	81			545	DC X'81' Test Num
00000A71	0000			546	DC X'00',X'00'
00000A73	80			547	DC X'80' M3: A=1,F=0,L=0,---=0
00000A74	00001438	00000002		548	DC A(TRTOP10),A(002) Source - Op 1 & length
00000A7C	00003138	00010000		549	DC A(TRTOP20),A(K64) Source - FC Table & length
				550	* Target -
00000A84	00510000	00610000		551	DC A(5*MB+(1*K64)),A(6*MB+(1*K64)),A(0) FC, Op1, Op1L
00000A8C	00000000				
00000A90	AABBCCDD			552	DC A(REG2PATT)
00000A94	00000007			553	DC A(7) CC0
00000A98	00610002	00000000		554	DC A(6*MB+(1*K64)+002),A(000),A(0)
00000AA0	00000000				
00000AA4				556	M8T2 DS 0F
00000AA4	82			557	DC X'82' Test Num
00000AA5	0000			558	DC X'00',X'00'
00000AA7	80			559	DC X'80' M3: A=1,F=0,L=0,---=0
00000AA8	00001438	00000004		560	DC A(TRTOP10),A(004) Source - Op 1 & length
00000AB0	00003138	00010000		561	DC A(TRTOP20),A(K64) Source - FC Table & length
				562	* Target -
00000AB8	00520000	00620000		563	DC A(5*MB+(2*K64)),A(6*MB+(2*K64)),A(0) FC, Op1, Op1L
00000AC0	00000000				
00000AC4	AABBCCDD			564	DC A(REG2PATT)
00000AC8	00000007			565	DC A(7) CC0
00000ACC	00620004	00000000		566	DC A(6*MB+(2*K64)+004),A(000),A(0)
00000AD4	00000000				
00000AD8				568	M8T3 DS 0F
00000AD8	83			569	DC X'83' Test Num
00000AD9	0000			570	DC X'00',X'00'
00000ADB	80			571	DC X'80' M3: A=1,F=0,L=0,---=0
00000ADC	00001438	00000008		572	DC A(TRTOP10),A(008) Source - Op 1 & length
00000AE4	00003138	00010000		573	DC A(TRTOP20),A(K64) Source - FC Table & length
				574	* Target -
00000AEC	00530000	00630000		575	DC A(5*MB+(3*K64)),A(6*MB+(3*K64)),A(0) FC, Op1, Op1L
00000AF4	00000000				
00000AF8	AABBCCDD			576	DC A(REG2PATT)
00000AFC	00000007			577	DC A(7) CC0
00000B00	00630008	00000000		578	DC A(6*MB+(3*K64)+008),A(000),A(0)
00000B08	00000000				



LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
00000B0C				580	M8T4	DS	0F
00000B0C	84			581		DC	X'84'
00000B0D	0000			582		DC	X'00',X'00'
00000B0F	80			583		DC	X'80'
00000B10	00001438	00000100		584		DC	A(TRTOP10),A(256)
00000B18	00003138	00010000		585		DC	A(TRTOP20),A(K64)
				586	*		Target -
00000B20	00540000	00640000		587		DC	A(5*MB+(4*K64)),A(6*MB+(4*K64)),A(0) FC, Op1, Op1L
00000B28	00000000						
00000B2C	AABBCCDD			588		DC	A(REG2PATT)
00000B30	00000007			589		DC	A(7) CC0
00000B34	00640100	00000000		590		DC	A(6*MB+(4*K64)+256),A(000),A(0)
00000B3C	00000000						
00000B40				592	M8T5	DS	0F
00000B40	85			593		DC	X'85'
00000B41	0000			594		DC	X'00',X'00'
00000B43	80			595		DC	X'80'
00000B44	00001538	00000100		596		DC	A(TRTOP111),A(256)
00000B4C	00023838	00010000		597		DC	A(TRTOP811),A(K64)
				598	*		Target -
00000B54	00550000	0064FFF4		599		DC	A(5*MB+(5*K64)),A(6*MB+(5*K64)-12),A(0) FC, Op1, Op1L
00000B5C	00000000						
00000B60	AABBCCDD			600		DC	A(REG2PATT)
00000B64	0000000A			601		DC	A(10) CC1 or CC3
00000B68	00650004	000000F0		602		DC	A(6*MB+(5*K64)-12+X'10'),A(256-X'10'),XL4'11'
00000B70	00000011						
00000B74				604	M8T6	DS	0F
00000B74	86			605		DC	X'86'
00000B75	0000			606		DC	X'00',X'00'
00000B77	80			607		DC	X'80'
00000B78	00001638	00000100		608		DC	A(TRTOP1F0),A(256)
00000B80	00043938	00010000		609		DC	A(TRTOP8F0),A(K64)
				610	*		Target -
00000B88	00560000	0065FFF4		611		DC	A(5*MB+(6*K64)),A(6*MB+(6*K64)-12),A(0) FC, Op1, Op1L
00000B90	00000000						
00000B94	AABBCCDD			612		DC	A(REG2PATT)
00000B98	0000000A			613		DC	A(10) CC1 or CC3
00000B9C	006600F2	00000002		614		DC	A(6*MB+(6*K64)-12+(256-2)),A(2),XL4'F0'
00000BA4	000000F0						

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
00000BA8				616	M8T7	DS	0F
00000BA8	87			617		DC	X'87'
00000BA9	0000			618		DC	X'00',X'00'
00000BAB	80			619		DC	X'80'
00000BAC	00001538	00000100		620		DC	A(TRTOP111),A(256)
00000BB4	00023838	00010000		621		DC	A(TRTOP811),A(K64)
				622	*		Target -
00000BBC	0057FFE0	00680000		623		DC	A(5*MB+(8*K64)-32),A(6*MB+(8*K64)),A(0) FC, Op1, Op1L
00000BC4	00000000						
00000BC8	AABBCCDD			624		DC	A(REG2PATT)
00000BCC	0000000B			625		DC	A(11) CC1
00000BD0	00680010	000000F0		626		DC	A(6*MB+(8*K64)+X'10'),A(256-X'10'),XL4'11'
00000BD8	00000011						
00000BDC				628	M8T8	DS	0F
00000BDC	88			629		DC	X'88'
00000BDD	0000			630		DC	X'00',X'00'
00000BDF	80			631		DC	X'80'
00000BE0	00001738	00000200		632		DC	A(TRTOP1F1),A(512)
00000BE8	00063A38	00010000		633		DC	A(TRTOP8F1),A(K64)
				634	*		Target -
00000BF0	0058FFE0	00690000		635		DC	A(5*MB+(9*K64)-32),A(6*MB+(9*K64)),A(0) FC, Op1, Op1L
00000BF8	00000000						
00000BFC	AABBCCDD			636		DC	A(REG2PATT)
00000C00	0000000B			637		DC	A(11) CC1
00000C04	006901FE	00000002		638		DC	A(6*MB+(9*K64)+510),A(2),XL4'F1'
00000C0C	000000F1						
00000C10				640	M8T9	DS	0F
00000C10	89			641		DC	X'89'
00000C11	0000			642		DC	X'00',X'00'
00000C13	80			643		DC	X'80'
00000C14	00001938	00000800		644		DC	A(TRTOP1L0),A(2048)
00000C1C	00003138	00010000		645		DC	A(TRTOP20),A(K64)
				646	*		Target -
00000C24	005A0000	006A0000		647		DC	A(5*MB+(10*K64)),A(6*MB+(10*K64)),A(0) FC, Op1, Op1L
00000C2C	00000000						
00000C30	AABBCCDD			648		DC	A(REG2PATT)
00000C34	00000007			649		DC	A(7) CC0
00000C38	006A0800	00000000		650		DC	A(6*MB+(10*K64)+2048),A(0),XL4'00'
00000C40	00000000						

LOC	OBJECT CODE	ADDR1	ADDR2	STMT		
00000C44				652 M8T10	DS	0F
00000C44	8A			653	DC	X'8A'
00000C45	0000			654	DC	X'00',X'00'
00000C47	80			655	DC	X'80'
00000C48	00002138	00000800		656	DC	A(TRT01L11),A(2048)
00000C50	00023838	00010000		657	DC	A(TRTOP811),A(K64)
				658 *		Target -
00000C58	005C0000	006BFF39		659	DC	A(5*MB+(12*K64)),A(6*MB+(12*K64)-199),A(0) FC, Op1, Op1L
00000C60	00000000					
00000C64	AABBCCDD			660	DC	A(REG2PATT)
00000C68	0000000A			661	DC	A(10) CC1 or CC3
00000C6C	006C0339	00000400		662	DC	A(6*MB+(12*K64)-199+(4*256)),A(1024),XL4'11'
00000C74	00000011					
00000C78				664 M8T11	DS	0F
00000C78	8B			665	DC	X'8B'
00000C79	0000			666	DC	X'00',X'00'
00000C7B	80			667	DC	X'80'
00000C7C	00002938	00000800		668	DC	A(TRT01LF0),A(2048)
00000C84	00043938	00010000		669	DC	A(TRTOP8F0),A(K64)
				670 *		Target -
00000C8C	005DFFC1	006E0000		671	DC	A(5*MB+(14*K64)-63),A(6*MB+(14*K64)),A(0) FC, Op1, Op1L
00000C94	00000000					
00000C98	AABBCCDD			672	DC	A(REG2PATT)
00000C9C	0000000B			673	DC	A(11) CC1
00000CA0	006E07FE	00000002		674	DC	A(6*MB+(14*K64)+2048-2),A(2),XL4'F0'
00000CA8	000000F0					

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				676 *****	
				677 * tests with	M3: A=1,F=0,L=1, reserved=0 (10)
				678 * FC Table :	SIZE: 256 (2 BYTE ARGUMENT)
				679 * Function Code is	1 byte
				680 * Limit arg to	255
				681 *	
				682 * Note: Op1 length	must be a multiple of 2
				683 *****	
00000CAC				685 M10T1	DS 0F
00000CAC	A1			686	DC X'A1' Test Num
00000CAD	0000			687	DC X'00',X'00'
00000CAF	A0			688	DC X'A0' M3: A=1,F=0,L=1,---=0
00000CB0	00001438	00000002		689	DC A(TRTOP10),A(002) Source - Op 1 & length
00000CB8	00003138	00000100		690	DC A(TRTOP20),A(256) Source - FC Table & length
				691 *	Target -
00000CC0	00A00000	00B00000		692	DC A(10*MB+(0*K64)),A(11*MB+(0*K64)),A(0) FC, Op1, Op1L
00000CC8	00000000				
00000CCC	AABBCCDD			693	DC A(REG2PATT)
00000CD0	00000007			694	DC A(7) CC0
00000CD4	00B00002	00000000		695	DC A(11*MB+(0*K64)+002),A(000),A(0)
00000CDC	00000000				
00000CE0				697 M10T2	DS 0F
00000CE0	A2			698	DC X'A2' Test Num
00000CE1	0000			699	DC X'00',X'00'
00000CE3	A0			700	DC X'A0' M3: A=1,F=0,L=1,---=0
00000CE4	00001438	00000004		701	DC A(TRTOP10),A(004) Source - Op 1 & length
00000CEC	00003138	00000100		702	DC A(TRTOP20),A(256) Source - FC Table & length
				703 *	Target -
00000CF4	00A10000	00B10000		704	DC A(10*MB+(1*K64)),A(11*MB+(1*K64)),A(0) FC, Op1, Op1L
00000CFC	00000000				
00000D00	AABBCCDD			705	DC A(REG2PATT)
00000D04	00000007			706	DC A(7) CC0
00000D08	00B10004	00000000		707	DC A(11*MB+(1*K64)+004),A(000),A(0)
00000D10	00000000				
00000D14				709 M10T3	DS 0F
00000D14	A3			710	DC X'A3' Test Num
00000D15	0000			711	DC X'00',X'00'
00000D17	A0			712	DC X'A0' M3: A=1,F=0,L=1,---=0
00000D18	00001438	00000008		713	DC A(TRTOP10),A(008) Source - Op 1 & length
00000D20	00003138	00000100		714	DC A(TRTOP20),A(256) Source - FC Table & length
				715 *	Target -
00000D28	00A20000	00B20000		716	DC A(10*MB+(2*K64)),A(11*MB+(2*K64)),A(0) FC, Op1, Op1L
00000D30	00000000				
00000D34	AABBCCDD			717	DC A(REG2PATT)
00000D38	00000007			718	DC A(7) CC0
00000D3C	00B20008	00000000		719	DC A(11*MB+(2*K64)+008),A(000),A(0)
00000D44	00000000				

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
00000D48				721 M10T4	DS	0F	
00000D48	A4			722	DC	X'A4'	Test Num
00000D49	0000			723	DC	X'00',X'00'	
00000D4B	A0			724	DC	X'A0'	M3: A=1,F=0,L=1,---=0
00000D4C	00001438	00000100		725	DC	A(TRTOP10),A(256)	Source - Op 1 & length
00000D54	00003138	00000100		726	DC	A(TRTOP20),A(256)	Source - FC Table & length
				727 *			Target -
00000D5C	00A30000	00B30000		728	DC	A(10*MB+(3*K64)),A(11*MB+(3*K64)),A(0)	FC, Op1, Op1L
00000D64	00000000						
00000D68	AABBCCDD			729	DC	A(REG2PATT)	
00000D6C	00000007			730	DC	A(7) CC0	
00000D70	00B30100	00000000		731	DC	A(11*MB+(3*K64)+256),A(000),A(0)	
00000D78	00000000						
00000D7C				733 M10T5	DS	0F	
00000D7C	A5			734	DC	X'A5'	Test Num
00000D7D	0000			735	DC	X'00',X'00'	
00000D7F	A0			736	DC	X'A0'	M3: A=1,F=0,L=1,---=0
00000D80	00001538	00000100		737	DC	A(TRTOP111),A(256)	Source - Op 1 & length
00000D88	00023238	00000100		738	DC	A(TRTOP211),A(256)	Source - FC Table & length
				739 *			Target -
00000D90	00A40000	00B3FFF4		740	DC	A(10*MB+(4*K64)),A(11*MB+(4*K64)-12),A(0)	FC, Op1, Op1L
00000D98	00000000						
00000D9C	AABBCCDD			741	DC	A(REG2PATT)	
00000DA0	0000000A			742	DC	A(10) CC1 or CC3	
00000DA4	00B40004	000000F0		743	DC	A(11*MB+(4*K64)-12+X'10'),A(256-X'10'),XL4'11'	
00000DAC	00000011						
00000DB0				745 M10T6	DS	0F	
00000DB0	A6			746	DC	X'A6'	Test Num
00000DB1	0000			747	DC	X'00',X'00'	
00000DB3	A0			748	DC	X'A0'	M3: A=1,F=0,L=1,---=0
00000DB4	00001638	00000100		749	DC	A(TRTOP1F0),A(256)	Source - Op 1 & length
00000DBC	00023338	00000100		750	DC	A(TRTOP2F0),A(256)	Source - FC Table & length
				751 *			Target -
00000DC4	00A50000	00B4FFF4		752	DC	A(10*MB+(5*K64)),A(11*MB+(5*K64)-12),A(0)	FC, Op1, Op1L
00000DCC	00000000						
00000DD0	AABBCCDD			753	DC	A(REG2PATT)	
00000DD4	0000000A			754	DC	A(10) CC1 or CC3	
00000DD8	00B500F2	00000002		755	DC	A(11*MB+(5*K64)-12+(256-2)),A(2),XL4'F0'	
00000DE0	000000F0						

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
00000DE4				757 M10T7	DS	0F	
00000DE4	A7			758	DC	X'A7'	Test Num
00000DE5	0000			759	DC	X'00',X'00'	
00000DE7	A0			760	DC	X'A0'	M3: A=1,F=0,L=1,---=0
00000DE8	00001538	00000100		761	DC	A(TRTOP111),A(256)	Source - Op 1 & length
00000DF0	00023238	00000100		762	DC	A(TRTOP211),A(256)	Source - FC Table & length
				763 *			Target -
00000DF8	00A5FFE0	00B60000		764	DC	A(10*MB+(6*K64-32)),A(11*MB+(6*K64)),A(0)	FC, Op1, Op1L
00000E00	00000000						
00000E04	AABBCCDD			765	DC	A(REG2PATT)	
00000E08	0000000B			766	DC	A(11) CC1	
00000E0C	00B60010	000000F0		767	DC	A(11*MB+(6*K64)+X'10'),A(256-X'10'),XL4'11'	
00000E14	00000011						
00000E18				769 M10T8	DS	0F	
00000E18	A8			770	DC	X'A8'	Test Num
00000E19	0000			771	DC	X'00',X'00'	
00000E1B	A0			772	DC	X'A0'	M3: A=1,F=0,L=1,---=0
00000E1C	00001738	00000200		773	DC	A(TRTOP1F1),A(512)	Source - Op 1 & length
00000E24	00063A38	00000100		774	DC	A(TRTOP8F1),A(256)	Source - FC Table & length
				775 *			Target -
00000E2C	00A70000	00B70000		776	DC	A(10*MB+(7*K64)),A(11*MB+(7*K64)),A(0)	FC, Op1, Op1L
00000E34	00000000						
00000E38	AABBCCDD			777	DC	A(REG2PATT)	
00000E3C	0000000B			778	DC	A(11) CC1	
00000E40	00B701FE	00000002		779	DC	A(11*MB+(7*K64)+510),A(2),XL4'F1'	
00000E48	000000F1						
00000E4C				781 M10T9	DS	0F	
00000E4C	A9			782	DC	X'A9'	Test Num
00000E4D	0000			783	DC	X'00',X'00'	
00000E4F	A0			784	DC	X'A0'	M3: A=1,F=0,L=1,---=0
00000E50	00001938	00000800		785	DC	A(TRTOP1L0),A(2048)	Source - Op 1 & length
00000E58	00003138	00000100		786	DC	A(TRTOP20),A(256)	Source - FC Table & length
				787 *			Target -
00000E60	00A80000	00B80000		788	DC	A(10*MB+(8*K64)),A(11*MB+(8*K64)),A(0)	FC, Op1, Op1L
00000E68	00000000						
00000E6C	AABBCCDD			789	DC	A(REG2PATT)	
00000E70	00000007			790	DC	A(7) CC0	
00000E74	00B80800	00000000		791	DC	A(11*MB+(8*K64)+2048),A(0),XL4'00'	
00000E7C	00000000						

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
00000E80				793 M10T10	DS	0F	
00000E80	AA			794	DC	X'AA'	Test Num
00000E81	0000			795	DC	X'00',X'00'	
00000E83	A0			796	DC	X'A0'	M3: A=1,F=0,L=1,--=0
00000E84	00002138	00000800		797	DC	A(TRT01L11),A(2048)	Source - Op 1 & length
00000E8C	00023238	00000100		798	DC	A(TRTOP211),A(256)	Source - FC Table & length
				799 *			Target -
00000E94	00A90000	00B8FF39		800	DC	A(10*MB+(9*K64)),A(11*MB+(9*K64)-199),A(0)	FC, Op1, Op1L
00000E9C	00000000						
00000EA0	AABBCCDD			801	DC	A(REG2PATT)	
00000EA4	0000000A			802	DC	A(10) CC1 or CC3	
00000EA8	00B90339	00000400		803	DC	A(11*MB+(9*K64)-199+(4*256)),A(1024),XL4'11'	
00000EB0	00000011						
00000EB4				805 M10T11	DS	0F	
00000EB4	AB			806	DC	X'AB'	Test Num
00000EB5	0000			807	DC	X'00',X'00'	
00000EB7	A0			808	DC	X'A0'	M3: A=1,F=0,L=1,--=0
00000EB8	00002938	00000800		809	DC	A(TRT01LF0),A(2048)	Source - Op 1 & length
00000EC0	00023338	00000100		810	DC	A(TRTOP2F0),A(256)	Source - FC Table & length
				811 *			Target - FC, Op1, Op1L
00000EC8	00A9FE1F	00BA0000		812	DC	A(10*MB+(10*K64)-481),A(11*MB+(10*K64)),A(0)	
00000ED0	00000000						
00000ED4	AABBCCDD			813	DC	A(REG2PATT)	
00000ED8	0000000B			814	DC	A(11) CC1	
00000EDC	00BA07FE	00000002		815	DC	A(11*MB+(10*K64)+2048-2),A(2),XL4'F0'	
00000EE4	000000F0						



LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				817 *****	
				818 * tests with	M3: A=1,F=1,L=0, reserved=0 (12)
				819 * FC Table :	SIZE: 131,072 (2 BYTE ARGUMENT)
				820 * Function Code is	2 bytes
				821 *	
				822 * Note: Op1 length must be a multiple of 2	
				823 *****	
00000EE8				825 M12T1	DS 0F
00000EE8	C1			826	DC X'C1' Test Num
00000EE9	0000			827	DC X'00',X'00'
00000EEB	C0			828	DC X'C0' M3: A=1,F=1,L=0,---=0
00000EEC	00001438	00000002		829	DC A(TRTOP10),A(002) Source - Op 1 & length
00000EF4	00003138	00020000		830	DC A(TRTOP20),A(2*K64) Source - FC Table & length
				831 *	Target -
00000EFC	00700000	00900000		832	DC A(7*MB+(0*K64)),A(9*MB+(0*K64)),A(0) FC, Op1, Op1L
00000F04	00000000				
00000F08	AABBCCDD			833	DC A(REG2PATT)
00000F0C	00000007			834	DC A(7) CC0
00000F10	00900002	00000000		835	DC A(9*MB+(0*K64)+002),A(000),A(0)
00000F18	00000000				
00000F1C				837 M12T2	DS 0F
00000F1C	C2			838	DC X'C2' Test Num
00000F1D	0000			839	DC X'00',X'00'
00000F1F	C0			840	DC X'C0' M3: A=1,F=1,L=0,---=0
00000F20	00001438	00000004		841	DC A(TRTOP10),A(004) Source - Op 1 & length
00000F28	00003138	00020000		842	DC A(TRTOP20),A(2*K64) Source - FC Table & length
				843 *	Target -
00000F30	00720000	00910000		844	DC A(7*MB+(2*K64)),A(9*MB+(1*K64)),A(0) FC, Op1, Op1L
00000F38	00000000				
00000F3C	AABBCCDD			845	DC A(REG2PATT)
00000F40	00000007			846	DC A(7) CC0
00000F44	00910004	00000000		847	DC A(9*MB+(1*K64)+004),A(000),A(0)
00000F4C	00000000				
00000F50				849 M12T3	DS 0F
00000F50	C3			850	DC X'C3' Test Num
00000F51	0000			851	DC X'00',X'00'
00000F53	C0			852	DC X'C0' M3: A=1,F=1,L=0,---=0
00000F54	00001438	00000008		853	DC A(TRTOP10),A(008) Source - Op 1 & length
00000F5C	00003138	00020000		854	DC A(TRTOP20),A(2*K64) Source - FC Table & length
				855 *	Target -
00000F64	00740000	00920000		856	DC A(7*MB+(4*K64)),A(9*MB+(2*K64)),A(0) FC, Op1, Op1L
00000F6C	00000000				
00000F70	AABBCCDD			857	DC A(REG2PATT)
00000F74	00000007			858	DC A(7) CC0
00000F78	00920008	00000000		859	DC A(9*MB+(2*K64)+008),A(000),A(0)
00000F80	00000000				



LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
00000F84				861 M12T4	DS	0F	
00000F84	C4			862	DC	X'C4'	Test Num
00000F85	0000			863	DC	X'00',X'00'	
00000F87	C0			864	DC	X'C0'	M3: A=1,F=1,L=0,---=0
00000F88	00001438	00000100		865	DC	A(TRTOP10),A(256)	Source - Op 1 & length
00000F90	00003138	00020000		866	DC	A(TRTOP20),A(2*K64)	Source - FC Table & length
				867 *			Target -
00000F98	00760000	00930000		868	DC	A(7*MB+(6*K64)),A(9*MB+(3*K64)),A(0)	FC, Op1, Op1L
00000FA0	00000000						
00000FA4	AABBCCDD			869	DC	A(REG2PATT)	
00000FA8	00000007			870	DC	A(7) CC0	
00000FAC	00930100	00000000		871	DC	A(9*MB+(3*K64)+256),A(000),A(0)	
00000FB4	00000000						
00000FB8				873 M12T5	DS	0F	
00000FB8	C5			874	DC	X'C5'	Test Num
00000FB9	0000			875	DC	X'00',X'00'	
00000FBB	C0			876	DC	X'C0'	M3: A=1,F=1,L=0,---=0
00000FBC	00001538	00000100		877	DC	A(TRTOP111),A(256)	Source - Op 1 & length
00000FC4	00083B38	00020000		878	DC	A(TRTOPC11),A(2*K64)	Source - FC Table & length
				879 *			Target -
00000FCC	00780000	0093FFF4		880	DC	A(7*MB+(8*K64)),A(9*MB+(4*K64)-12),A(0)	FC, Op1, Op1L
00000FD4	00000000						
00000FD8	AABBCCDD			881	DC	A(REG2PATT)	
00000FDC	0000000A			882	DC	A(10) CC1 or CC3	
00000FE0	00940004	000000F0		883	DC	A(9*MB+(4*K64)-12+X'10'),A(256-X'10'),XL4'11'	
00000FE8	00000011						
00000FEC				885 M12T6	DS	0F	
00000FEC	C6			886	DC	X'C6'	Test Num
00000FED	0000			887	DC	X'00',X'00'	
00000FEF	C0			888	DC	X'C0'	M3: A=1,F=1,L=0,---=0
00000FF0	00001638	00000100		889	DC	A(TRTOP1F0),A(256)	Source - Op 1 & length
00000FF8	000A3B5C	00020000		890	DC	A(TRTOPCF0),A(2*K64)	Source - FC Table & length
				891 *			Target -
00001000	007A0000	0094FFF4		892	DC	A(7*MB+(10*K64)),A(9*MB+(5*K64)-12),A(0)	FC, Op1, Op1L
00001008	00000000						
0000100C	AABBCCDD			893	DC	A(REG2PATT)	
00001010	0000000A			894	DC	A(10) CC1 or CC3	
00001014	009500F2	00000002		895	DC	A(9*MB+(5*K64)-12+(256-2)),A(2),XL4'F0'	
0000101C	000000F0						

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
00001020				897 M12T7	DS	0F	
00001020	C7			898	DC	X'C7'	Test Num
00001021	0000			899	DC	X'00',X'00'	
00001023	C0			900	DC	X'C0'	M3: A=1,F=1,L=0,---=0
00001024	00001538	00000100		901	DC	A(TRTOP111),A(256)	Source - Op 1 & length
0000102C	00083B38	00020000		902	DC	A(TRTOPC11),A(2*K64)	Source - FC Table & length
				903 *			Target -
00001034	007CFFE0	00960000		904	DC	A(7*MB+(13*K64)-32),A(9*MB+(6*K64)),A(0)	FC, Op1, Op1L
0000103C	00000000						
00001040	AABBCCDD			905	DC	A(REG2PATT)	
00001044	0000000B			906	DC	A(11) CC1	
00001048	00960010	000000F0		907	DC	A(9*MB+(6*K64)+X'10'),A(256-X'10'),XL4'11'	
00001050	00000011						
00001054				909 M12T8	DS	0F	
00001054	C8			910	DC	X'C8'	Test Num
00001055	0000			911	DC	X'00',X'00'	
00001057	C0			912	DC	X'C0'	M3: A=1,F=1,L=0,---=0
00001058	00001738	00000200		913	DC	A(TRTOP1F1),A(512)	Source - Op 1 & length
00001060	000C3D5A	00020000		914	DC	A(TRTOPCF1),A(2*K64)	Source - FC Table & length
				915 *			Target -
00001068	007F0000	00970000		916	DC	A(7*MB+(15*K64)),A(9*MB+(7*K64)),A(0)	FC, Op1, Op1L
00001070	00000000						
00001074	AABBCCDD			917	DC	A(REG2PATT)	
00001078	0000000B			918	DC	A(11) CC1	
0000107C	009701FE	00000002		919	DC	A(9*MB+(7*K64)+510),A(2),XL4'F1'	
00001084	000000F1						
00001088				921 M12T9	DS	0F	
00001088	C9			922	DC	X'C9'	Test Num
00001089	0000			923	DC	X'00',X'00'	
0000108B	C0			924	DC	X'C0'	M3: A=1,F=1,L=0,---=0
0000108C	00001938	00000800		925	DC	A(TRTOP1L0),A(2048)	Source - Op 1 & length
00001094	00003138	00020000		926	DC	A(TRTOP20),A(2*K64)	Source - FC Table & length
				927 *			Target -
0000109C	00810000	00980000		928	DC	A(7*MB+(17*K64)),A(9*MB+(8*K64)),A(0)	FC, Op1, Op1L
000010A4	00000000						
000010A8	AABBCCDD			929	DC	A(REG2PATT)	
000010AC	00000007			930	DC	A(7) CC0	
000010B0	00980800	00000000		931	DC	A(9*MB+(8*K64)+2048),A(0),XL4'00'	
000010B8	00000000						

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
000010BC				933	M12T10	DS	0F
000010BC	CA			934		DC	X'CA'
000010BD	0000			935		DC	X'00',X'00'
000010BF	C0			936		DC	X'C0'
000010C0	00002138	00000800		937		DC	A(TRT01L11),A(2048)
000010C8	00083B38	00020000		938		DC	A(TRTOPC11),A(2*K64)
				939	*		Target -
000010D0	00830000	0098FF39		940		DC	A(7*MB+(19*K64)),A(9*MB+(9*K64)-199),A(0) FC, Op1, Op1L
000010D8	00000000						
000010DC	AABBCCDD			941		DC	A(REG2PATT)
000010E0	0000000A			942		DC	A(10) CC1 or CC3
000010E4	00990339	00000400		943		DC	A(9*MB+(9*K64)-199+(4*256)),A(1024),XL4'11'
000010EC	00000011						
000010F0				945	M12T11	DS	0F
000010F0	CB			946		DC	X'CB'
000010F1	0000			947		DC	X'00',X'00'
000010F3	C0			948		DC	X'C0'
000010F4	00002938	00000800		949		DC	A(TRT01LF0),A(2048)
000010FC	000A3B5C	00020000		950		DC	A(TRTOPCF0),A(2*K64)
				951	*		Target -
00001104	0085FE1F	009A0000		952		DC	A(7*MB+(22*K64)-481),A(9*MB+(10*K64)),A(0) FC, Op1, Op1L
0000110C	00000000						
00001110	AABBCCDD			953		DC	A(REG2PATT)
00001114	0000000B			954		DC	A(11) CC1
00001118	009A07FE	00000002		955		DC	A(9*MB+(10*K64)+2048-2),A(2),XL4'F0'
00001120	000000F0						

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				957 *****	
				958 * tests with	M3: A=1,F=1,L=1, reserved=0 (14)
				959 * FC Table :	SIZE: 512 (2 BYTE ARGUMENT)
				960 * Function Code is	2 byte
				961 * Limit arg to	255
				962 *	
				963 * Note: Op1 length must be a multiple of 2	
				964 *****	
00001124				966 M14T1 DS	0F
00001124	E1			967 DC	X'E1' Test Num
00001125	0000			968 DC	X'00',X'00'
00001127	E0			969 DC	X'E0' M3: A=1,F=1,L=1,---=0
00001128	00001438	00000002		970 DC	A(TRTOP10),A(002) Source - Op 1 & length
00001130	00003138	00000200		971 DC	A(TRTOP20),A(512) Source - FC Table & length
				972 *	Target -
00001138	00B00000	00C00000		973 DC	A(11*MB+(0*K64)),A(12*MB+(0*K64)),A(0) FC, Op1, Op1L
00001140	00000000				
00001144	AABBCCDD			974 DC	A(REG2PATT)
00001148	00000007			975 DC	A(7) CC0
0000114C	00C00002	00000000		976 DC	A(12*MB+(0*K64)+002),A(000),A(0)
00001154	00000000				
00001158				978 M14T2 DS	0F
00001158	E2			979 DC	X'E2' Test Num
00001159	0000			980 DC	X'00',X'00'
0000115B	E0			981 DC	X'E0' M3: A=1,F=1,L=1,---=0
0000115C	00001438	00000004		982 DC	A(TRTOP10),A(004) Source - Op 1 & length
00001164	00003138	00000200		983 DC	A(TRTOP20),A(512) Source - FC Table & length
				984 *	Target -
0000116C	00B10000	00C10000		985 DC	A(11*MB+(1*K64)),A(12*MB+(1*K64)),A(0) FC, Op1, Op1L
00001174	00000000				
00001178	AABBCCDD			986 DC	A(REG2PATT)
0000117C	00000007			987 DC	A(7) CC0
00001180	00C10004	00000000		988 DC	A(12*MB+(1*K64)+004),A(000),A(0)
00001188	00000000				
0000118C				990 M14T3 DS	0F
0000118C	E3			991 DC	X'E3' Test Num
0000118D	0000			992 DC	X'00',X'00'
0000118F	E0			993 DC	X'E0' M3: A=1,F=1,L=1,---=0
00001190	00001438	00000008		994 DC	A(TRTOP10),A(008) Source - Op 1 & length
00001198	00003138	00000200		995 DC	A(TRTOP20),A(512) Source - FC Table & length
				996 *	Target -
000011A0	00B20000	00C20000		997 DC	A(11*MB+(2*K64)),A(12*MB+(2*K64)),A(0) FC, Op1, Op1L
000011A8	00000000				
000011AC	AABBCCDD			998 DC	A(REG2PATT)
000011B0	00000007			999 DC	A(7) CC0
000011B4	00C20008	00000000		1000 DC	A(12*MB+(2*K64)+008),A(000),A(0)
000011BC	00000000				

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
000011C0				1002	M14T4	DS	0F
000011C0	E4			1003		DC	X'E4' Test Num
000011C1	0000			1004		DC	X'00',X'00'
000011C3	E0			1005		DC	X'E0' M3: A=1,F=1,L=1,---=0
000011C4	00001438	00000100		1006		DC	A(TRTOP10),A(256) Source - Op 1 & length
000011CC	00003138	00000200		1007		DC	A(TRTOP20),A(512) Source - FC Table & length
				1008	*		Target -
000011D4	00B30000	00C30000		1009		DC	A(11*MB+(3*K64)),A(12*MB+(3*K64)),A(0) FC, Op1, Op1L
000011DC	00000000						
000011E0	AABBCCDD			1010		DC	A(REG2PATT)
000011E4	00000007			1011		DC	A(7) CC0
000011E8	00C30100	00000000		1012		DC	A(12*MB+(3*K64)+256),A(000),A(0)
000011F0	00000000						
000011F4				1014	M14T5	DS	0F
000011F4	E5			1015		DC	X'E5' Test Num
000011F5	0000			1016		DC	X'00',X'00'
000011F7	E0			1017		DC	X'E0' M3: A=1,F=1,L=1,---=0
000011F8	00001538	00000100		1018		DC	A(TRTOP111),A(256) Source - Op 1 & length
00001200	00023438	00000200		1019		DC	A(TRTOP411),A(512) Source - FC Table & length
				1020	*		Target -
00001208	00B40000	00C3FFF4		1021		DC	A(11*MB+(4*K64)),A(12*MB+(4*K64)-12),A(0) FC, Op1, Op1L
00001210	00000000						
00001214	AABBCCDD			1022		DC	A(REG2PATT)
00001218	0000000A			1023		DC	A(10) CC1 or CC3
0000121C	00C40004	000000F0		1024		DC	A(12*MB+(4*K64)-12+X'10'),A(256-X'10'),XL4'11'
00001224	00000011						
00001228				1026	M14T6	DS	0F
00001228	E6			1027		DC	X'E6' Test Num
00001229	0000			1028		DC	X'00',X'00'
0000122B	E0			1029		DC	X'E0' M3: A=1,F=1,L=1,---=0
0000122C	00001638	00000100		1030		DC	A(TRTOP1F0),A(256) Source - Op 1 & length
00001234	00023638	00000200		1031		DC	A(TRTOP4F0),A(512) Source - FC Table & length
				1032	*		Target -
0000123C	00B50000	00C4FFF4		1033		DC	A(11*MB+(5*K64)),A(12*MB+(5*K64)-12),A(0) FC, Op1, Op1L
00001244	00000000						
00001248	AABBCCDD			1034		DC	A(REG2PATT)
0000124C	0000000A			1035		DC	A(10) CC1 or CC3
00001250	00C500F2	00000002		1036		DC	A(12*MB+(5*K64)-12+254),A(2),XL4'F0'
00001258	000000F0						

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
0000125C				1038	M14T7	DS	0F
0000125C	E7			1039		DC	X'E7'
0000125D	0000			1040		DC	X'00',X'00'
0000125F	E0			1041		DC	X'E0'
00001260	00001538	00000100		1042		DC	A(TRTOP111),A(256)
00001268	00023438	00000200		1043		DC	A(TRTOP411),A(512)
				1044	*		Target -
00001270	00B5FFE0	00C60000		1045		DC	A(11*MB+(6*K64)-32),A(12*MB+(6*K64)),A(0) FC, Op1, Op1L
00001278	00000000						
0000127C	AABBCCDD			1046		DC	A(REG2PATT)
00001280	0000000B			1047		DC	A(11) CC1
00001284	00C60010	000000F0		1048		DC	A(12*MB+(6*K64)+X'10'),A(256-X'10'),XL4'11'
0000128C	00000011						
00001290				1050	M14T8	DS	0F
00001290	E8			1051		DC	X'E8'
00001291	0000			1052		DC	X'00',X'00'
00001293	E0			1053		DC	X'E0'
00001294	00001738	00000200		1054		DC	A(TRTOP1F1),A(512)
0000129C	000C3D5A	00000200		1055		DC	A(TRTOPCF1),A(512)
				1056	*		Target -
000012A4	00B70000	00C70000		1057		DC	A(11*MB+(7*K64)),A(12*MB+(7*K64)),A(0) FC, Op1, Op1L
000012AC	00000000						
000012B0	AABBCCDD			1058		DC	A(REG2PATT)
000012B4	0000000B			1059		DC	A(11) CC1
000012B8	00C701FE	00000002		1060		DC	A(12*MB+(7*K64)+510),A(2),XL4'F1'
000012C0	000000F1						
000012C4				1062	M14T9	DS	0F
000012C4	E9			1063		DC	X'E9'
000012C5	0000			1064		DC	X'00',X'00'
000012C7	E0			1065		DC	X'E0'
000012C8	00001938	00000800		1066		DC	A(TRT01L0),A(2048)
000012D0	00003138	00000200		1067		DC	A(TRTOP20),A(512)
				1068	*		Target -
000012D8	00B80000	00C80000		1069		DC	A(11*MB+(8*K64)),A(12*MB+(8*K64)),A(0) FC, Op1, Op1L
000012E0	00000000						
000012E4	AABBCCDD			1070		DC	A(REG2PATT)
000012E8	00000007			1071		DC	A(7) CC0
000012EC	00C80800	00000000		1072		DC	A(12*MB+(8*K64)+2048),A(000),A(0)
000012F4	00000000						

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
000012F8				1074	M14T10	DS	0F
000012F8	EA			1075		DC	X'EA'
000012F9	0000			1076		DC	X'00',X'00'
000012FB	E0			1077		DC	X'E0'
000012FC	00002138	00000800		1078		DC	A(TRT01L11),A(2048)
00001304	00023438	00000200		1079		DC	A(TRTOP411),A(512)
				1080	*		Target -
0000130C	00B90000	00C8FF38		1081		DC	A(11*MB+(9*K64)),A(12*MB+(9*K64)-200),A(0) FC, Op1, Op1L
00001314	00000000						
00001318	AABBCCDD			1082		DC	A(REG2PATT)
0000131C	0000000A			1083		DC	A(10) CC1 or CC3
00001320	00C90338	00000400		1084		DC	A(12*MB+(9*K64)-200+(4*256)),A(1024),XL4'11'
00001328	00000011						
0000132C				1086	M14T11	DS	0F
0000132C	EB			1087		DC	X'EB'
0000132D	0000			1088		DC	X'00',X'00'
0000132F	E0			1089		DC	X'E0'
00001330	00002938	00000800		1090		DC	A(TRT01LF0),A(2048)
00001338	00023638	00000200		1091		DC	A(TRTOP4F0),A(512)
				1092	*		Target - FC, Op1, Op1L
00001340	00B9FFC0	00CA0000		1093		DC	A(11*MB+(10*K64)-64),A(12*MB+(10*K64)),A(0)
00001348	00000000						
0000134C	AABBCCDD			1094		DC	A(REG2PATT)
00001350	0000000B			1095		DC	A(11) CC1
00001354	00CA07FE	00000002		1096		DC	A(12*MB+(10*K64)+2048-2),A(2),XL4'F0'
0000135C	000000F0						



LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				1098 *****	
				1099 *	Check performance tests are valid.
				1100 *	tests with M3: A=1,F=1,L=0, reserved=0 (12)
				1101 *	FC Table : SIZE: 131,072 (2 BYTE ARGUMENT)
				1102 *	Function Code is 2 bytes
				1103 *	
				1104 *	Note: Op1 length must be a multiple of 2
				1105 *****	
00001360				1107 F12T8	DS 0F
00001360	F8			1108	DC X'F8' Test Num
00001361	0000			1109	DC X'00',X'00'
00001363	C0			1110	DC X'C0' M3: A=1,F=1,L=0,---=0
00001364	00001738	00000200		1111	DC A(TRTOP1F1),A(512) Source - Op 1 & length
0000136C	000C3D5A	00020000		1112	DC A(TRTOPCF1),A(2*K64) Source - FC Table & length
				1113 *	Target -
00001374	00710000	00910000		1114	DC A(7*MB+(1*K64)),A(9*MB+(1*K64)),A(0) FC, Op1, Op1L
0000137C	00000000				
00001380	AABBCCDD			1115	DC A(REG2PATT)
00001384	0000000B			1116	DC A(11) CC1
00001388	009101FE	00000002		1117	DC A(9*MB+(1*K64)+510),A(2),XL4'F1'
00001390	000000F1				
00001394				1119 F12T8A	DS 0F
00001394	F9			1120	DC X'F9' Test Num
00001395	0000			1121	DC X'00',X'00'
00001397	C0			1122	DC X'C0' M3: A=1,F=1,L=0,---=0
00001398	00001738	00000200		1123	DC A(TRTOP1F1),A(512) Source - Op 1 & length
000013A0	000C3D5A	00020000		1124	DC A(TRTOPCF1),A(2*K64) Source - FC Table & length
				1125 *	Target - FC, Op1, Op1L
000013A8	0072FF81	0092FF81		1126	DC A(7*MB+(3*K64)-127),A(9*MB+(3*K64)-127),A(0)
000013B0	00000000				
000013B4	AABBCCDD			1127	DC A(REG2PATT)
000013B8	0000000A			1128	DC A(10) CC1 or CC3
000013BC	0093017F	00000002		1129	DC A(9*MB+(3*K64)-127+510),A(2),XL4'F1'
000013C4	000000F1				
000013C8				1131 F12T11	DS 0F
000013C8	FB			1132	DC X'FB' Test Num
000013C9	0000			1133	DC X'00',X'00'
000013CB	C0			1134	DC X'C0' M3: A=1,F=1,L=0,---=0
000013CC	00002938	00000800		1135	DC A(TRT01LF0),A(2048) Source - Op 1 & length
000013D4	000A3B5C	00020000		1136	DC A(TRTOPCF0),A(2*K64) Source - FC Table & length
				1137 *	Target -
000013DC	00760000	00960000		1138	DC A(7*MB+(6*K64)),A(9*MB+(6*K64)),A(0) FC, Op1, Op1L
000013E4	00000000				
000013E8	AABBCCDD			1139	DC A(REG2PATT)
000013EC	0000000B			1140	DC A(11) CC1
000013F0	009607FE	00000002		1141	DC A(9*MB+(6*K64)+2048-2),A(2),XL4'F0'
000013F8	000000F0				



LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
000013FC				1143	F12T11A	DS	0F
000013FC	FC			1144		DC	X'FC' Test Num
000013FD	0000			1145		DC	X'00',X'00'
000013FF	C0			1146		DC	X'C0' M3: A=1,F=1,L=0,---=0
00001400	00002938	00000800		1147		DC	A(TRT01LF0),A(2048) Source - Op 1 & length
00001408	000A3B5C	00020000		1148		DC	A(TRTOPCF0),A(2*K64) Source - FC Table & length
				1149	*		Target - FC, Op1, Op1L
00001410	0078FE1F	0098FE1F		1150		DC	A(7*MB+(9*K64)-481),A(9*MB+(9*K64)-481),A(0)
00001418	00000000						
0000141C	AABBCCDD			1151		DC	A(REG2PATT)
00001420	0000000A			1152		DC	A(10) CC1 or CC3
00001424	0099061D	00000002		1153		DC	A(9*MB+(9*K64)-481+2048-2),A(2),XL4'F0'
0000142C	000000F0						
00001430	00000000			1155		DC	A(0) end of table
00001434	00000000			1156		DC	A(0) end of table

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				1158 *****
				1159 * TRTE op1 scan data...
				1160 *****
00001438	78125634	78125634		1162 TRTOP10 DC 64XL4'78125634' (CC0)
00001440	78125634	78125634		
00001448	78125634	78125634		
00001450	78125634	78125634		
00001458	78125634	78125634		
00001460	78125634	78125634		
00001468	78125634	78125634		
00001470	78125634	78125634		
00001478	78125634	78125634		
00001480	78125634	78125634		
00001488	78125634	78125634		
00001490	78125634	78125634		
00001498	78125634	78125634		
000014A0	78125634	78125634		
000014A8	78125634	78125634		
000014B0	78125634	78125634		
000014B8	78125634	78125634		
000014C0	78125634	78125634		
000014C8	78125634	78125634		
000014D0	78125634	78125634		
000014D8	78125634	78125634		
000014E0	78125634	78125634		
000014E8	78125634	78125634		
000014F0	78125634	78125634		
000014F8	78125634	78125634		
00001500	78125634	78125634		
00001508	78125634	78125634		
00001510	78125634	78125634		
00001518	78125634	78125634		
00001520	78125634	78125634		
00001528	78125634	78125634		
00001530	78125634	78125634		
00001538	78125634	78125634		1164 TRTOP111 DC 04XL4'78125634',X'00110000',59XL4'78125634' (CC1)
00001540	78125634	78125634		
00001548	00110000	78125634		
00001550	78125634	78125634		
00001558	78125634	78125634		
00001560	78125634	78125634		
00001568	78125634	78125634		
00001570	78125634	78125634		
00001578	78125634	78125634		
00001580	78125634	78125634		
00001588	78125634	78125634		
00001590	78125634	78125634		
00001598	78125634	78125634		
000015A0	78125634	78125634		
000015A8	78125634	78125634		
000015B0	78125634	78125634		
000015B8	78125634	78125634		
000015C0	78125634	78125634		
000015C8	78125634	78125634		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
000015D0	78125634	78125634			
000015D8	78125634	78125634			
000015E0	78125634	78125634			
000015E8	78125634	78125634			
000015F0	78125634	78125634			
000015F8	78125634	78125634			
00001600	78125634	78125634			
00001608	78125634	78125634			
00001610	78125634	78125634			
00001618	78125634	78125634			
00001620	78125634	78125634			
00001628	78125634	78125634			
00001630	78125634	78125634			
00001638	78125634	78125634		1166 TRTOP1F0 DC	63XL4'78125634',X'000000F0' (CC1)
00001640	78125634	78125634			
00001648	78125634	78125634			
00001650	78125634	78125634			
00001658	78125634	78125634			
00001660	78125634	78125634			
00001668	78125634	78125634			
00001670	78125634	78125634			
00001678	78125634	78125634			
00001680	78125634	78125634			
00001688	78125634	78125634			
00001690	78125634	78125634			
00001698	78125634	78125634			
000016A0	78125634	78125634			
000016A8	78125634	78125634			
000016B0	78125634	78125634			
000016B8	78125634	78125634			
000016C0	78125634	78125634			
000016C8	78125634	78125634			
000016D0	78125634	78125634			
000016D8	78125634	78125634			
000016E0	78125634	78125634			
000016E8	78125634	78125634			
000016F0	78125634	78125634			
000016F8	78125634	78125634			
00001700	78125634	78125634			
00001708	78125634	78125634			
00001710	78125634	78125634			
00001718	78125634	78125634			
00001720	78125634	78125634			
00001728	78125634	78125634			
00001730	78125634	000000F0			
00001738	78125634	78125634		1168 TRTOP1F1 DC	127XL4'78125634',X'000000F1' (CC1)
00001740	78125634	78125634			
00001748	78125634	78125634			
00001750	78125634	78125634			
00001758	78125634	78125634			
00001760	78125634	78125634			
00001768	78125634	78125634			
00001770	78125634	78125634			
00001778	78125634	78125634			

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00001780	78125634	78125634		
00001788	78125634	78125634		
00001790	78125634	78125634		
00001798	78125634	78125634		
000017A0	78125634	78125634		
000017A8	78125634	78125634		
000017B0	78125634	78125634		
000017B8	78125634	78125634		
000017C0	78125634	78125634		
000017C8	78125634	78125634		
000017D0	78125634	78125634		
000017D8	78125634	78125634		
000017E0	78125634	78125634		
000017E8	78125634	78125634		
000017F0	78125634	78125634		
000017F8	78125634	78125634		
00001800	78125634	78125634		
00001808	78125634	78125634		
00001810	78125634	78125634		
00001818	78125634	78125634		
00001820	78125634	78125634		
00001828	78125634	78125634		
00001830	78125634	78125634		
00001838	78125634	78125634		
00001840	78125634	78125634		
00001848	78125634	78125634		
00001850	78125634	78125634		
00001858	78125634	78125634		
00001860	78125634	78125634		
00001868	78125634	78125634		
00001870	78125634	78125634		
00001878	78125634	78125634		
00001880	78125634	78125634		
00001888	78125634	78125634		
00001890	78125634	78125634		
00001898	78125634	78125634		
000018A0	78125634	78125634		
000018A8	78125634	78125634		
000018B0	78125634	78125634		
000018B8	78125634	78125634		
000018C0	78125634	78125634		
000018C8	78125634	78125634		
000018D0	78125634	78125634		
000018D8	78125634	78125634		
000018E0	78125634	78125634		
000018E8	78125634	78125634		
000018F0	78125634	78125634		
000018F8	78125634	78125634		
00001900	78125634	78125634		
00001908	78125634	78125634		
00001910	78125634	78125634		
00001918	78125634	78125634		
00001920	78125634	78125634		
00001928	78125634	78125634		
00001930	78125634	000000F1		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
00001938	98765432	98765432		1170 TRT01L0 DC	512XL4'98765432' (CC0)
00001940	98765432	98765432			
00001948	98765432	98765432			
00001950	98765432	98765432			
00001958	98765432	98765432			
00001960	98765432	98765432			
00001968	98765432	98765432			
00001970	98765432	98765432			
00001978	98765432	98765432			
00001980	98765432	98765432			
00001988	98765432	98765432			
00001990	98765432	98765432			
00001998	98765432	98765432			
000019A0	98765432	98765432			
000019A8	98765432	98765432			
000019B0	98765432	98765432			
000019B8	98765432	98765432			
000019C0	98765432	98765432			
000019C8	98765432	98765432			
000019D0	98765432	98765432			
000019D8	98765432	98765432			
000019E0	98765432	98765432			
000019E8	98765432	98765432			
000019F0	98765432	98765432			
000019F8	98765432	98765432			
00001A00	98765432	98765432			
00001A08	98765432	98765432			
00001A10	98765432	98765432			
00001A18	98765432	98765432			
00001A20	98765432	98765432			
00001A28	98765432	98765432			
00001A30	98765432	98765432			
00001A38	98765432	98765432			
00001A40	98765432	98765432			
00001A48	98765432	98765432			
00001A50	98765432	98765432			
00001A58	98765432	98765432			
00001A60	98765432	98765432			
00001A68	98765432	98765432			
00001A70	98765432	98765432			
00001A78	98765432	98765432			
00001A80	98765432	98765432			
00001A88	98765432	98765432			
00001A90	98765432	98765432			
00001A98	98765432	98765432			
00001AA0	98765432	98765432			
00001AA8	98765432	98765432			
00001AB0	98765432	98765432			
00001AB8	98765432	98765432			
00001AC0	98765432	98765432			
00001AC8	98765432	98765432			
00001AD0	98765432	98765432			
00001AD8	98765432	98765432			
00001AE0	98765432	98765432			
00001AE8	98765432	98765432			
00001AF0	98765432	98765432			

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00001AF8	98765432	98765432		
00001B00	98765432	98765432		
00001B08	98765432	98765432		
00001B10	98765432	98765432		
00001B18	98765432	98765432		
00001B20	98765432	98765432		
00001B28	98765432	98765432		
00001B30	98765432	98765432		
00001B38	98765432	98765432		
00001B40	98765432	98765432		
00001B48	98765432	98765432		
00001B50	98765432	98765432		
00001B58	98765432	98765432		
00001B60	98765432	98765432		
00001B68	98765432	98765432		
00001B70	98765432	98765432		
00001B78	98765432	98765432		
00001B80	98765432	98765432		
00001B88	98765432	98765432		
00001B90	98765432	98765432		
00001B98	98765432	98765432		
00001BA0	98765432	98765432		
00001BA8	98765432	98765432		
00001BB0	98765432	98765432		
00001BB8	98765432	98765432		
00001BC0	98765432	98765432		
00001BC8	98765432	98765432		
00001BD0	98765432	98765432		
00001BD8	98765432	98765432		
00001BE0	98765432	98765432		
00001BE8	98765432	98765432		
00001BF0	98765432	98765432		
00001BF8	98765432	98765432		
00001C00	98765432	98765432		
00001C08	98765432	98765432		
00001C10	98765432	98765432		
00001C18	98765432	98765432		
00001C20	98765432	98765432		
00001C28	98765432	98765432		
00001C30	98765432	98765432		
00001C38	98765432	98765432		
00001C40	98765432	98765432		
00001C48	98765432	98765432		
00001C50	98765432	98765432		
00001C58	98765432	98765432		
00001C60	98765432	98765432		
00001C68	98765432	98765432		
00001C70	98765432	98765432		
00001C78	98765432	98765432		
00001C80	98765432	98765432		
00001C88	98765432	98765432		
00001C90	98765432	98765432		
00001C98	98765432	98765432		
00001CA0	98765432	98765432		
00001CA8	98765432	98765432		
00001CB0	98765432	98765432		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00001CB8	98765432	98765432		
00001CC0	98765432	98765432		
00001CC8	98765432	98765432		
00001CD0	98765432	98765432		
00001CD8	98765432	98765432		
00001CE0	98765432	98765432		
00001CE8	98765432	98765432		
00001CF0	98765432	98765432		
00001CF8	98765432	98765432		
00001D00	98765432	98765432		
00001D08	98765432	98765432		
00001D10	98765432	98765432		
00001D18	98765432	98765432		
00001D20	98765432	98765432		
00001D28	98765432	98765432		
00001D30	98765432	98765432		
00001D38	98765432	98765432		
00001D40	98765432	98765432		
00001D48	98765432	98765432		
00001D50	98765432	98765432		
00001D58	98765432	98765432		
00001D60	98765432	98765432		
00001D68	98765432	98765432		
00001D70	98765432	98765432		
00001D78	98765432	98765432		
00001D80	98765432	98765432		
00001D88	98765432	98765432		
00001D90	98765432	98765432		
00001D98	98765432	98765432		
00001DA0	98765432	98765432		
00001DA8	98765432	98765432		
00001DB0	98765432	98765432		
00001DB8	98765432	98765432		
00001DC0	98765432	98765432		
00001DC8	98765432	98765432		
00001DD0	98765432	98765432		
00001DD8	98765432	98765432		
00001DE0	98765432	98765432		
00001DE8	98765432	98765432		
00001DF0	98765432	98765432		
00001DF8	98765432	98765432		
00001E00	98765432	98765432		
00001E08	98765432	98765432		
00001E10	98765432	98765432		
00001E18	98765432	98765432		
00001E20	98765432	98765432		
00001E28	98765432	98765432		
00001E30	98765432	98765432		
00001E38	98765432	98765432		
00001E40	98765432	98765432		
00001E48	98765432	98765432		
00001E50	98765432	98765432		
00001E58	98765432	98765432		
00001E60	98765432	98765432		
00001E68	98765432	98765432		
00001E70	98765432	98765432		



LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00001E78	98765432	98765432		
00001E80	98765432	98765432		
00001E88	98765432	98765432		
00001E90	98765432	98765432		
00001E98	98765432	98765432		
00001EA0	98765432	98765432		
00001EA8	98765432	98765432		
00001EB0	98765432	98765432		
00001EB8	98765432	98765432		
00001EC0	98765432	98765432		
00001EC8	98765432	98765432		
00001ED0	98765432	98765432		
00001ED8	98765432	98765432		
00001EE0	98765432	98765432		
00001EE8	98765432	98765432		
00001EF0	98765432	98765432		
00001EF8	98765432	98765432		
00001F00	98765432	98765432		
00001F08	98765432	98765432		
00001F10	98765432	98765432		
00001F18	98765432	98765432		
00001F20	98765432	98765432		
00001F28	98765432	98765432		
00001F30	98765432	98765432		
00001F38	98765432	98765432		
00001F40	98765432	98765432		
00001F48	98765432	98765432		
00001F50	98765432	98765432		
00001F58	98765432	98765432		
00001F60	98765432	98765432		
00001F68	98765432	98765432		
00001F70	98765432	98765432		
00001F78	98765432	98765432		
00001F80	98765432	98765432		
00001F88	98765432	98765432		
00001F90	98765432	98765432		
00001F98	98765432	98765432		
00001FA0	98765432	98765432		
00001FA8	98765432	98765432		
00001FB0	98765432	98765432		
00001FB8	98765432	98765432		
00001FC0	98765432	98765432		
00001FC8	98765432	98765432		
00001FD0	98765432	98765432		
00001FD8	98765432	98765432		
00001FE0	98765432	98765432		
00001FE8	98765432	98765432		
00001FF0	98765432	98765432		
00001FF8	98765432	98765432		
00002000	98765432	98765432		
00002008	98765432	98765432		
00002010	98765432	98765432		
00002018	98765432	98765432		
00002020	98765432	98765432		
00002028	98765432	98765432		
00002030	98765432	98765432		



LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00002038	98765432	98765432		
00002040	98765432	98765432		
00002048	98765432	98765432		
00002050	98765432	98765432		
00002058	98765432	98765432		
00002060	98765432	98765432		
00002068	98765432	98765432		
00002070	98765432	98765432		
00002078	98765432	98765432		
00002080	98765432	98765432		
00002088	98765432	98765432		
00002090	98765432	98765432		
00002098	98765432	98765432		
000020A0	98765432	98765432		
000020A8	98765432	98765432		
000020B0	98765432	98765432		
000020B8	98765432	98765432		
000020C0	98765432	98765432		
000020C8	98765432	98765432		
000020D0	98765432	98765432		
000020D8	98765432	98765432		
000020E0	98765432	98765432		
000020E8	98765432	98765432		
000020F0	98765432	98765432		
000020F8	98765432	98765432		
00002100	98765432	98765432		
00002108	98765432	98765432		
00002110	98765432	98765432		
00002118	98765432	98765432		
00002120	98765432	98765432		
00002128	98765432	98765432		
00002130	98765432	98765432		
00002138	98765432	98765432	1172 TRT01L11 DC	256XL4'98765432',X'00110000',255XL4'98765432' (CC1)
00002140	98765432	98765432		
00002148	98765432	98765432		
00002150	98765432	98765432		
00002158	98765432	98765432		
00002160	98765432	98765432		
00002168	98765432	98765432		
00002170	98765432	98765432		
00002178	98765432	98765432		
00002180	98765432	98765432		
00002188	98765432	98765432		
00002190	98765432	98765432		
00002198	98765432	98765432		
000021A0	98765432	98765432		
000021A8	98765432	98765432		
000021B0	98765432	98765432		
000021B8	98765432	98765432		
000021C0	98765432	98765432		
000021C8	98765432	98765432		
000021D0	98765432	98765432		
000021D8	98765432	98765432		
000021E0	98765432	98765432		
000021E8	98765432	98765432		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
000021F0	98765432	98765432		
000021F8	98765432	98765432		
00002200	98765432	98765432		
00002208	98765432	98765432		
00002210	98765432	98765432		
00002218	98765432	98765432		
00002220	98765432	98765432		
00002228	98765432	98765432		
00002230	98765432	98765432		
00002238	98765432	98765432		
00002240	98765432	98765432		
00002248	98765432	98765432		
00002250	98765432	98765432		
00002258	98765432	98765432		
00002260	98765432	98765432		
00002268	98765432	98765432		
00002270	98765432	98765432		
00002278	98765432	98765432		
00002280	98765432	98765432		
00002288	98765432	98765432		
00002290	98765432	98765432		
00002298	98765432	98765432		
000022A0	98765432	98765432		
000022A8	98765432	98765432		
000022B0	98765432	98765432		
000022B8	98765432	98765432		
000022C0	98765432	98765432		
000022C8	98765432	98765432		
000022D0	98765432	98765432		
000022D8	98765432	98765432		
000022E0	98765432	98765432		
000022E8	98765432	98765432		
000022F0	98765432	98765432		
000022F8	98765432	98765432		
00002300	98765432	98765432		
00002308	98765432	98765432		
00002310	98765432	98765432		
00002318	98765432	98765432		
00002320	98765432	98765432		
00002328	98765432	98765432		
00002330	98765432	98765432		
00002338	98765432	98765432		
00002340	98765432	98765432		
00002348	98765432	98765432		
00002350	98765432	98765432		
00002358	98765432	98765432		
00002360	98765432	98765432		
00002368	98765432	98765432		
00002370	98765432	98765432		
00002378	98765432	98765432		
00002380	98765432	98765432		
00002388	98765432	98765432		
00002390	98765432	98765432		
00002398	98765432	98765432		
000023A0	98765432	98765432		
000023A8	98765432	98765432		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
000023B0	98765432	98765432		
000023B8	98765432	98765432		
000023C0	98765432	98765432		
000023C8	98765432	98765432		
000023D0	98765432	98765432		
000023D8	98765432	98765432		
000023E0	98765432	98765432		
000023E8	98765432	98765432		
000023F0	98765432	98765432		
000023F8	98765432	98765432		
00002400	98765432	98765432		
00002408	98765432	98765432		
00002410	98765432	98765432		
00002418	98765432	98765432		
00002420	98765432	98765432		
00002428	98765432	98765432		
00002430	98765432	98765432		
00002438	98765432	98765432		
00002440	98765432	98765432		
00002448	98765432	98765432		
00002450	98765432	98765432		
00002458	98765432	98765432		
00002460	98765432	98765432		
00002468	98765432	98765432		
00002470	98765432	98765432		
00002478	98765432	98765432		
00002480	98765432	98765432		
00002488	98765432	98765432		
00002490	98765432	98765432		
00002498	98765432	98765432		
000024A0	98765432	98765432		
000024A8	98765432	98765432		
000024B0	98765432	98765432		
000024B8	98765432	98765432		
000024C0	98765432	98765432		
000024C8	98765432	98765432		
000024D0	98765432	98765432		
000024D8	98765432	98765432		
000024E0	98765432	98765432		
000024E8	98765432	98765432		
000024F0	98765432	98765432		
000024F8	98765432	98765432		
00002500	98765432	98765432		
00002508	98765432	98765432		
00002510	98765432	98765432		
00002518	98765432	98765432		
00002520	98765432	98765432		
00002528	98765432	98765432		
00002530	98765432	98765432		
00002538	00110000	98765432		
00002540	98765432	98765432		
00002548	98765432	98765432		
00002550	98765432	98765432		
00002558	98765432	98765432		
00002560	98765432	98765432		
00002568	98765432	98765432		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00002570	98765432	98765432		
00002578	98765432	98765432		
00002580	98765432	98765432		
00002588	98765432	98765432		
00002590	98765432	98765432		
00002598	98765432	98765432		
000025A0	98765432	98765432		
000025A8	98765432	98765432		
000025B0	98765432	98765432		
000025B8	98765432	98765432		
000025C0	98765432	98765432		
000025C8	98765432	98765432		
000025D0	98765432	98765432		
000025D8	98765432	98765432		
000025E0	98765432	98765432		
000025E8	98765432	98765432		
000025F0	98765432	98765432		
000025F8	98765432	98765432		
00002600	98765432	98765432		
00002608	98765432	98765432		
00002610	98765432	98765432		
00002618	98765432	98765432		
00002620	98765432	98765432		
00002628	98765432	98765432		
00002630	98765432	98765432		
00002638	98765432	98765432		
00002640	98765432	98765432		
00002648	98765432	98765432		
00002650	98765432	98765432		
00002658	98765432	98765432		
00002660	98765432	98765432		
00002668	98765432	98765432		
00002670	98765432	98765432		
00002678	98765432	98765432		
00002680	98765432	98765432		
00002688	98765432	98765432		
00002690	98765432	98765432		
00002698	98765432	98765432		
000026A0	98765432	98765432		
000026A8	98765432	98765432		
000026B0	98765432	98765432		
000026B8	98765432	98765432		
000026C0	98765432	98765432		
000026C8	98765432	98765432		
000026D0	98765432	98765432		
000026D8	98765432	98765432		
000026E0	98765432	98765432		
000026E8	98765432	98765432		
000026F0	98765432	98765432		
000026F8	98765432	98765432		
00002700	98765432	98765432		
00002708	98765432	98765432		
00002710	98765432	98765432		
00002718	98765432	98765432		
00002720	98765432	98765432		
00002728	98765432	98765432		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00002730	98765432	98765432		
00002738	98765432	98765432		
00002740	98765432	98765432		
00002748	98765432	98765432		
00002750	98765432	98765432		
00002758	98765432	98765432		
00002760	98765432	98765432		
00002768	98765432	98765432		
00002770	98765432	98765432		
00002778	98765432	98765432		
00002780	98765432	98765432		
00002788	98765432	98765432		
00002790	98765432	98765432		
00002798	98765432	98765432		
000027A0	98765432	98765432		
000027A8	98765432	98765432		
000027B0	98765432	98765432		
000027B8	98765432	98765432		
000027C0	98765432	98765432		
000027C8	98765432	98765432		
000027D0	98765432	98765432		
000027D8	98765432	98765432		
000027E0	98765432	98765432		
000027E8	98765432	98765432		
000027F0	98765432	98765432		
000027F8	98765432	98765432		
00002800	98765432	98765432		
00002808	98765432	98765432		
00002810	98765432	98765432		
00002818	98765432	98765432		
00002820	98765432	98765432		
00002828	98765432	98765432		
00002830	98765432	98765432		
00002838	98765432	98765432		
00002840	98765432	98765432		
00002848	98765432	98765432		
00002850	98765432	98765432		
00002858	98765432	98765432		
00002860	98765432	98765432		
00002868	98765432	98765432		
00002870	98765432	98765432		
00002878	98765432	98765432		
00002880	98765432	98765432		
00002888	98765432	98765432		
00002890	98765432	98765432		
00002898	98765432	98765432		
000028A0	98765432	98765432		
000028A8	98765432	98765432		
000028B0	98765432	98765432		
000028B8	98765432	98765432		
000028C0	98765432	98765432		
000028C8	98765432	98765432		
000028D0	98765432	98765432		
000028D8	98765432	98765432		
000028E0	98765432	98765432		
000028E8	98765432	98765432		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
000028F0	98765432	98765432			
000028F8	98765432	98765432			
00002900	98765432	98765432			
00002908	98765432	98765432			
00002910	98765432	98765432			
00002918	98765432	98765432			
00002920	98765432	98765432			
00002928	98765432	98765432			
00002930	98765432	98765432			
00002938	98765432	98765432		1174 TRT01LF0 DC	511XL4'98765432',X'000000F0' (CC1)
00002940	98765432	98765432			
00002948	98765432	98765432			
00002950	98765432	98765432			
00002958	98765432	98765432			
00002960	98765432	98765432			
00002968	98765432	98765432			
00002970	98765432	98765432			
00002978	98765432	98765432			
00002980	98765432	98765432			
00002988	98765432	98765432			
00002990	98765432	98765432			
00002998	98765432	98765432			
000029A0	98765432	98765432			
000029A8	98765432	98765432			
000029B0	98765432	98765432			
000029B8	98765432	98765432			
000029C0	98765432	98765432			
000029C8	98765432	98765432			
000029D0	98765432	98765432			
000029D8	98765432	98765432			
000029E0	98765432	98765432			
000029E8	98765432	98765432			
000029F0	98765432	98765432			
000029F8	98765432	98765432			
00002A00	98765432	98765432			
00002A08	98765432	98765432			
00002A10	98765432	98765432			
00002A18	98765432	98765432			
00002A20	98765432	98765432			
00002A28	98765432	98765432			
00002A30	98765432	98765432			
00002A38	98765432	98765432			
00002A40	98765432	98765432			
00002A48	98765432	98765432			
00002A50	98765432	98765432			
00002A58	98765432	98765432			
00002A60	98765432	98765432			
00002A68	98765432	98765432			
00002A70	98765432	98765432			
00002A78	98765432	98765432			
00002A80	98765432	98765432			
00002A88	98765432	98765432			
00002A90	98765432	98765432			
00002A98	98765432	98765432			
00002AA0	98765432	98765432			



LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00002AA8	98765432	98765432		
00002AB0	98765432	98765432		
00002AB8	98765432	98765432		
00002AC0	98765432	98765432		
00002AC8	98765432	98765432		
00002AD0	98765432	98765432		
00002AD8	98765432	98765432		
00002AE0	98765432	98765432		
00002AE8	98765432	98765432		
00002AF0	98765432	98765432		
00002AF8	98765432	98765432		
00002B00	98765432	98765432		
00002B08	98765432	98765432		
00002B10	98765432	98765432		
00002B18	98765432	98765432		
00002B20	98765432	98765432		
00002B28	98765432	98765432		
00002B30	98765432	98765432		
00002B38	98765432	98765432		
00002B40	98765432	98765432		
00002B48	98765432	98765432		
00002B50	98765432	98765432		
00002B58	98765432	98765432		
00002B60	98765432	98765432		
00002B68	98765432	98765432		
00002B70	98765432	98765432		
00002B78	98765432	98765432		
00002B80	98765432	98765432		
00002B88	98765432	98765432		
00002B90	98765432	98765432		
00002B98	98765432	98765432		
00002BA0	98765432	98765432		
00002BA8	98765432	98765432		
00002BB0	98765432	98765432		
00002BB8	98765432	98765432		
00002BC0	98765432	98765432		
00002BC8	98765432	98765432		
00002BD0	98765432	98765432		
00002BD8	98765432	98765432		
00002BE0	98765432	98765432		
00002BE8	98765432	98765432		
00002BF0	98765432	98765432		
00002BF8	98765432	98765432		
00002C00	98765432	98765432		
00002C08	98765432	98765432		
00002C10	98765432	98765432		
00002C18	98765432	98765432		
00002C20	98765432	98765432		
00002C28	98765432	98765432		
00002C30	98765432	98765432		
00002C38	98765432	98765432		
00002C40	98765432	98765432		
00002C48	98765432	98765432		
00002C50	98765432	98765432		
00002C58	98765432	98765432		
00002C60	98765432	98765432		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00002C68	98765432	98765432		
00002C70	98765432	98765432		
00002C78	98765432	98765432		
00002C80	98765432	98765432		
00002C88	98765432	98765432		
00002C90	98765432	98765432		
00002C98	98765432	98765432		
00002CA0	98765432	98765432		
00002CA8	98765432	98765432		
00002CB0	98765432	98765432		
00002CB8	98765432	98765432		
00002CC0	98765432	98765432		
00002CC8	98765432	98765432		
00002CD0	98765432	98765432		
00002CD8	98765432	98765432		
00002CE0	98765432	98765432		
00002CE8	98765432	98765432		
00002CF0	98765432	98765432		
00002CF8	98765432	98765432		
00002D00	98765432	98765432		
00002D08	98765432	98765432		
00002D10	98765432	98765432		
00002D18	98765432	98765432		
00002D20	98765432	98765432		
00002D28	98765432	98765432		
00002D30	98765432	98765432		
00002D38	98765432	98765432		
00002D40	98765432	98765432		
00002D48	98765432	98765432		
00002D50	98765432	98765432		
00002D58	98765432	98765432		
00002D60	98765432	98765432		
00002D68	98765432	98765432		
00002D70	98765432	98765432		
00002D78	98765432	98765432		
00002D80	98765432	98765432		
00002D88	98765432	98765432		
00002D90	98765432	98765432		
00002D98	98765432	98765432		
00002DA0	98765432	98765432		
00002DA8	98765432	98765432		
00002DB0	98765432	98765432		
00002DB8	98765432	98765432		
00002DC0	98765432	98765432		
00002DC8	98765432	98765432		
00002DD0	98765432	98765432		
00002DD8	98765432	98765432		
00002DE0	98765432	98765432		
00002DE8	98765432	98765432		
00002DF0	98765432	98765432		
00002DF8	98765432	98765432		
00002E00	98765432	98765432		
00002E08	98765432	98765432		
00002E10	98765432	98765432		
00002E18	98765432	98765432		
00002E20	98765432	98765432		



LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00002E28	98765432	98765432		
00002E30	98765432	98765432		
00002E38	98765432	98765432		
00002E40	98765432	98765432		
00002E48	98765432	98765432		
00002E50	98765432	98765432		
00002E58	98765432	98765432		
00002E60	98765432	98765432		
00002E68	98765432	98765432		
00002E70	98765432	98765432		
00002E78	98765432	98765432		
00002E80	98765432	98765432		
00002E88	98765432	98765432		
00002E90	98765432	98765432		
00002E98	98765432	98765432		
00002EA0	98765432	98765432		
00002EA8	98765432	98765432		
00002EB0	98765432	98765432		
00002EB8	98765432	98765432		
00002EC0	98765432	98765432		
00002EC8	98765432	98765432		
00002ED0	98765432	98765432		
00002ED8	98765432	98765432		
00002EE0	98765432	98765432		
00002EE8	98765432	98765432		
00002EF0	98765432	98765432		
00002EF8	98765432	98765432		
00002F00	98765432	98765432		
00002F08	98765432	98765432		
00002F10	98765432	98765432		
00002F18	98765432	98765432		
00002F20	98765432	98765432		
00002F28	98765432	98765432		
00002F30	98765432	98765432		
00002F38	98765432	98765432		
00002F40	98765432	98765432		
00002F48	98765432	98765432		
00002F50	98765432	98765432		
00002F58	98765432	98765432		
00002F60	98765432	98765432		
00002F68	98765432	98765432		
00002F70	98765432	98765432		
00002F78	98765432	98765432		
00002F80	98765432	98765432		
00002F88	98765432	98765432		
00002F90	98765432	98765432		
00002F98	98765432	98765432		
00002FA0	98765432	98765432		
00002FA8	98765432	98765432		
00002FB0	98765432	98765432		
00002FB8	98765432	98765432		
00002FC0	98765432	98765432		
00002FC8	98765432	98765432		
00002FD0	98765432	98765432		
00002FD8	98765432	98765432		
00002FE0	98765432	98765432		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00002FE8	98765432	98765432		
00002FF0	98765432	98765432		
00002FF8	98765432	98765432		
00003000	98765432	98765432		
00003008	98765432	98765432		
00003010	98765432	98765432		
00003018	98765432	98765432		
00003020	98765432	98765432		
00003028	98765432	98765432		
00003030	98765432	98765432		
00003038	98765432	98765432		
00003040	98765432	98765432		
00003048	98765432	98765432		
00003050	98765432	98765432		
00003058	98765432	98765432		
00003060	98765432	98765432		
00003068	98765432	98765432		
00003070	98765432	98765432		
00003078	98765432	98765432		
00003080	98765432	98765432		
00003088	98765432	98765432		
00003090	98765432	98765432		
00003098	98765432	98765432		
000030A0	98765432	98765432		
000030A8	98765432	98765432		
000030B0	98765432	98765432		
000030B8	98765432	98765432		
000030C0	98765432	98765432		
000030C8	98765432	98765432		
000030D0	98765432	98765432		
000030D8	98765432	98765432		
000030E0	98765432	98765432		
000030E8	98765432	98765432		
000030F0	98765432	98765432		
000030F8	98765432	98765432		
00003100	98765432	98765432		
00003108	98765432	98765432		
00003110	98765432	98765432		
00003118	98765432	98765432		
00003120	98765432	98765432		
00003128	98765432	98765432		
00003130	98765432	000000F0		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				1176 *****	
				1177 *           Function Code (FC) Tables (GR1)	
				1178 *****	
00003138	00000000	00000000		1180 TRTOP20 DC   256X'00'	no stop
00003140	00000000	00000000			
00003148	00000000	00000000			
00003150	00000000	00000000			
00003158	00000000	00000000			
00003160	00000000	00000000			
00003168	00000000	00000000			
00003170	00000000	00000000			
00003178	00000000	00000000			
00003180	00000000	00000000			
00003188	00000000	00000000			
00003190	00000000	00000000			
00003198	00000000	00000000			
000031A0	00000000	00000000			
000031A8	00000000	00000000			
000031B0	00000000	00000000			
000031B8	00000000	00000000			
000031C0	00000000	00000000			
000031C8	00000000	00000000			
000031D0	00000000	00000000			
000031D8	00000000	00000000			
000031E0	00000000	00000000			
000031E8	00000000	00000000			
000031F0	00000000	00000000			
000031F8	00000000	00000000			
00003200	00000000	00000000			
00003208	00000000	00000000			
00003210	00000000	00000000			
00003218	00000000	00000000			
00003220	00000000	00000000			
00003228	00000000	00000000			
00003230	00000000	00000000			
00003238		00003238	00023238	1181           ORG   *+2*K64	
00023238	00000000	00000000		1183 TRTOP211 DC   17X'00',X'11',238X'00'	stop on X'11'
00023240	00000000	00000000			
00023248	00110000	00000000			
00023250	00000000	00000000			
00023258	00000000	00000000			
00023260	00000000	00000000			
00023268	00000000	00000000			
00023270	00000000	00000000			
00023278	00000000	00000000			
00023280	00000000	00000000			
00023288	00000000	00000000			
00023290	00000000	00000000			
00023298	00000000	00000000			
000232A0	00000000	00000000			
000232A8	00000000	00000000			
000232B0	00000000	00000000			
000232B8	00000000	00000000			
000232C0	00000000	00000000			

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
000232C8	00000000	00000000		
000232D0	00000000	00000000		
000232D8	00000000	00000000		
000232E0	00000000	00000000		
000232E8	00000000	00000000		
000232F0	00000000	00000000		
000232F8	00000000	00000000		
00023300	00000000	00000000		
00023308	00000000	00000000		
00023310	00000000	00000000		
00023318	00000000	00000000		
00023320	00000000	00000000		
00023328	00000000	00000000		
00023330	00000000	00000000		
00023338	00000000	00000000	1185 TRTOP2F0 DC	240X'00',X'F0',15X'00' stop on X'F0'
00023340	00000000	00000000		
00023348	00000000	00000000		
00023350	00000000	00000000		
00023358	00000000	00000000		
00023360	00000000	00000000		
00023368	00000000	00000000		
00023370	00000000	00000000		
00023378	00000000	00000000		
00023380	00000000	00000000		
00023388	00000000	00000000		
00023390	00000000	00000000		
00023398	00000000	00000000		
000233A0	00000000	00000000		
000233A8	00000000	00000000		
000233B0	00000000	00000000		
000233B8	00000000	00000000		
000233C0	00000000	00000000		
000233C8	00000000	00000000		
000233D0	00000000	00000000		
000233D8	00000000	00000000		
000233E0	00000000	00000000		
000233E8	00000000	00000000		
000233F0	00000000	00000000		
000233F8	00000000	00000000		
00023400	00000000	00000000		
00023408	00000000	00000000		
00023410	00000000	00000000		
00023418	00000000	00000000		
00023420	00000000	00000000		
00023428	F0000000	00000000		
00023430	00000000	00000000		
00023438	00000000	00000000	1187 TRTOP411 DC	34X'00',X'0011',476X'00' stop on X'11'
00023440	00000000	00000000		
00023448	00000000	00000000		
00023450	00000000	00000000		
00023458	00000011	00000000		
00023460	00000000	00000000		
00023468	00000000	00000000		
00023470	00000000	00000000		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00023478	00000000	00000000		
00023480	00000000	00000000		
00023488	00000000	00000000		
00023490	00000000	00000000		
00023498	00000000	00000000		
000234A0	00000000	00000000		
000234A8	00000000	00000000		
000234B0	00000000	00000000		
000234B8	00000000	00000000		
000234C0	00000000	00000000		
000234C8	00000000	00000000		
000234D0	00000000	00000000		
000234D8	00000000	00000000		
000234E0	00000000	00000000		
000234E8	00000000	00000000		
000234F0	00000000	00000000		
000234F8	00000000	00000000		
00023500	00000000	00000000		
00023508	00000000	00000000		
00023510	00000000	00000000		
00023518	00000000	00000000		
00023520	00000000	00000000		
00023528	00000000	00000000		
00023530	00000000	00000000		
00023538	00000000	00000000		
00023540	00000000	00000000		
00023548	00000000	00000000		
00023550	00000000	00000000		
00023558	00000000	00000000		
00023560	00000000	00000000		
00023568	00000000	00000000		
00023570	00000000	00000000		
00023578	00000000	00000000		
00023580	00000000	00000000		
00023588	00000000	00000000		
00023590	00000000	00000000		
00023598	00000000	00000000		
000235A0	00000000	00000000		
000235A8	00000000	00000000		
000235B0	00000000	00000000		
000235B8	00000000	00000000		
000235C0	00000000	00000000		
000235C8	00000000	00000000		
000235D0	00000000	00000000		
000235D8	00000000	00000000		
000235E0	00000000	00000000		
000235E8	00000000	00000000		
000235F0	00000000	00000000		
000235F8	00000000	00000000		
00023600	00000000	00000000		
00023608	00000000	00000000		
00023610	00000000	00000000		
00023618	00000000	00000000		
00023620	00000000	00000000		
00023628	00000000	00000000		
00023630	00000000	00000000		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00023638	00000000	00000000		1189 TRTOP4F0 DC 480X'00',X'00F0',30X'00' stop on X'F0'
00023640	00000000	00000000		
00023648	00000000	00000000		
00023650	00000000	00000000		
00023658	00000000	00000000		
00023660	00000000	00000000		
00023668	00000000	00000000		
00023670	00000000	00000000		
00023678	00000000	00000000		
00023680	00000000	00000000		
00023688	00000000	00000000		
00023690	00000000	00000000		
00023698	00000000	00000000		
000236A0	00000000	00000000		
000236A8	00000000	00000000		
000236B0	00000000	00000000		
000236B8	00000000	00000000		
000236C0	00000000	00000000		
000236C8	00000000	00000000		
000236D0	00000000	00000000		
000236D8	00000000	00000000		
000236E0	00000000	00000000		
000236E8	00000000	00000000		
000236F0	00000000	00000000		
000236F8	00000000	00000000		
00023700	00000000	00000000		
00023708	00000000	00000000		
00023710	00000000	00000000		
00023718	00000000	00000000		
00023720	00000000	00000000		
00023728	00000000	00000000		
00023730	00000000	00000000		
00023738	00000000	00000000		
00023740	00000000	00000000		
00023748	00000000	00000000		
00023750	00000000	00000000		
00023758	00000000	00000000		
00023760	00000000	00000000		
00023768	00000000	00000000		
00023770	00000000	00000000		
00023778	00000000	00000000		
00023780	00000000	00000000		
00023788	00000000	00000000		
00023790	00000000	00000000		
00023798	00000000	00000000		
000237A0	00000000	00000000		
000237A8	00000000	00000000		
000237B0	00000000	00000000		
000237B8	00000000	00000000		
000237C0	00000000	00000000		
000237C8	00000000	00000000		
000237D0	00000000	00000000		
000237D8	00000000	00000000		
000237E0	00000000	00000000		
000237E8	00000000	00000000		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT		
000237F0	00000000	00000000				
000237F8	00000000	00000000				
00023800	00000000	00000000				
00023808	00000000	00000000				
00023810	00000000	00000000				
00023818	00F00000	00000000				
00023820	00000000	00000000				
00023828	00000000	00000000				
00023830	00000000	00000000				
00023838	00000000	00000000		1191 TRTOP811 DC	17X'00',X'11',238X'00'	stop on X'11'
00023840	00000000	00000000				
00023848	00110000	00000000				
00023850	00000000	00000000				
00023858	00000000	00000000				
00023860	00000000	00000000				
00023868	00000000	00000000				
00023870	00000000	00000000				
00023878	00000000	00000000				
00023880	00000000	00000000				
00023888	00000000	00000000				
00023890	00000000	00000000				
00023898	00000000	00000000				
000238A0	00000000	00000000				
000238A8	00000000	00000000				
000238B0	00000000	00000000				
000238B8	00000000	00000000				
000238C0	00000000	00000000				
000238C8	00000000	00000000				
000238D0	00000000	00000000				
000238D8	00000000	00000000				
000238E0	00000000	00000000				
000238E8	00000000	00000000				
000238F0	00000000	00000000				
000238F8	00000000	00000000				
00023900	00000000	00000000				
00023908	00000000	00000000				
00023910	00000000	00000000				
00023918	00000000	00000000				
00023920	00000000	00000000				
00023928	00000000	00000000				
00023930	00000000	00000000				
00023938			00023938	00043938	1192	ORG ++2*K64
00043938	00000000	00000000			1194 TRTOP8F0 DC	240X'00',X'F0',15X'00'
00043940	00000000	00000000				stop on X'F0'
00043948	00000000	00000000				
00043950	00000000	00000000				
00043958	00000000	00000000				
00043960	00000000	00000000				
00043968	00000000	00000000				
00043970	00000000	00000000				
00043978	00000000	00000000				
00043980	00000000	00000000				
00043988	00000000	00000000				
00043990	00000000	00000000				

LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
00043998	00000000	00000000						
000439A0	00000000	00000000						
000439A8	00000000	00000000						
000439B0	00000000	00000000						
000439B8	00000000	00000000						
000439C0	00000000	00000000						
000439C8	00000000	00000000						
000439D0	00000000	00000000						
000439D8	00000000	00000000						
000439E0	00000000	00000000						
000439E8	00000000	00000000						
000439F0	00000000	00000000						
000439F8	00000000	00000000						
00043A00	00000000	00000000						
00043A08	00000000	00000000						
00043A10	00000000	00000000						
00043A18	00000000	00000000						
00043A20	00000000	00000000						
00043A28	F0000000	00000000						
00043A30	00000000	00000000						
00043A38			00043A38	00063A38	1195	ORG	++2*K64	
00063A38	00000000	00000000			1197	TRTOP8F1 DC	240X'00',X'00',X'F1',14X'00'	stop on X'F1'
00063A40	00000000	00000000						
00063A48	00000000	00000000						
00063A50	00000000	00000000						
00063A58	00000000	00000000						
00063A60	00000000	00000000						
00063A68	00000000	00000000						
00063A70	00000000	00000000						
00063A78	00000000	00000000						
00063A80	00000000	00000000						
00063A88	00000000	00000000						
00063A90	00000000	00000000						
00063A98	00000000	00000000						
00063AA0	00000000	00000000						
00063AA8	00000000	00000000						
00063AB0	00000000	00000000						
00063AB8	00000000	00000000						
00063AC0	00000000	00000000						
00063AC8	00000000	00000000						
00063AD0	00000000	00000000						
00063AD8	00000000	00000000						
00063AE0	00000000	00000000						
00063AE8	00000000	00000000						
00063AF0	00000000	00000000						
00063AF8	00000000	00000000						
00063B00	00000000	00000000						
00063B08	00000000	00000000						
00063B10	00000000	00000000						
00063B18	00000000	00000000						
00063B20	00000000	00000000						
00063B28	00F10000	00000000						
00063B30	00000000	00000000						
00063B38			00063B38	00083B38	1198	ORG	++2*K64	



LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
00083B38	00000000	00000000		1200	TRTOPC11 DC	34X'00',X'0011'	stop on X'11'
00083B40	00000000	00000000					
00083B48	00000000	00000000					
00083B50	00000000	00000000					
00083B58	00000011						
00083B5C		00083B5C	000A3B5C	1201	ORG	++2*K64	
000A3B5C	00000000	00000000		1203	TRTOPCF0 DC	480X'00',X'00F0',28X'00'	stop on X'F0'
000A3B64	00000000	00000000					
000A3B6C	00000000	00000000					
000A3B74	00000000	00000000					
000A3B7C	00000000	00000000					
000A3B84	00000000	00000000					
000A3B8C	00000000	00000000					
000A3B94	00000000	00000000					
000A3B9C	00000000	00000000					
000A3BA4	00000000	00000000					
000A3BAC	00000000	00000000					
000A3BB4	00000000	00000000					
000A3BBC	00000000	00000000					
000A3BC4	00000000	00000000					
000A3BCC	00000000	00000000					
000A3BD4	00000000	00000000					
000A3BDC	00000000	00000000					
000A3BE4	00000000	00000000					
000A3BEC	00000000	00000000					
000A3BF4	00000000	00000000					
000A3BFC	00000000	00000000					
000A3C04	00000000	00000000					
000A3C0C	00000000	00000000					
000A3C14	00000000	00000000					
000A3C1C	00000000	00000000					
000A3C24	00000000	00000000					
000A3C2C	00000000	00000000					
000A3C34	00000000	00000000					
000A3C3C	00000000	00000000					
000A3C44	00000000	00000000					
000A3C4C	00000000	00000000					
000A3C54	00000000	00000000					
000A3C5C	00000000	00000000					
000A3C64	00000000	00000000					
000A3C6C	00000000	00000000					
000A3C74	00000000	00000000					
000A3C7C	00000000	00000000					
000A3C84	00000000	00000000					
000A3C8C	00000000	00000000					
000A3C94	00000000	00000000					
000A3C9C	00000000	00000000					
000A3CA4	00000000	00000000					
000A3CAC	00000000	00000000					
000A3CB4	00000000	00000000					
000A3CBC	00000000	00000000					
000A3CC4	00000000	00000000					
000A3CCC	00000000	00000000					
000A3CD4	00000000	00000000					
000A3CDC	00000000	00000000					

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
000A3CE4	00000000	00000000		
000A3CEC	00000000	00000000		
000A3CF4	00000000	00000000		
000A3CFC	00000000	00000000		
000A3D04	00000000	00000000		
000A3D0C	00000000	00000000		
000A3D14	00000000	00000000		
000A3D1C	00000000	00000000		
000A3D24	00000000	00000000		
000A3D2C	00000000	00000000		
000A3D34	00000000	00000000		
000A3D3C	00F00000	00000000		
000A3D44	00000000	00000000		
000A3D4C	00000000	00000000		
000A3D54	00000000	0000		
000A3D5A		000A3D5A	000C3D5A	1204           ORG    *+2*K64
000C3D5A	00000000	00000000		1206 TRTOPCF1 DC    480X'00',X'0000',X'00F1',28X'00'    stop on X'F1'
000C3D62	00000000	00000000		
000C3D6A	00000000	00000000		
000C3D72	00000000	00000000		
000C3D7A	00000000	00000000		
000C3D82	00000000	00000000		
000C3D8A	00000000	00000000		
000C3D92	00000000	00000000		
000C3D9A	00000000	00000000		
000C3DA2	00000000	00000000		
000C3DAA	00000000	00000000		
000C3DB2	00000000	00000000		
000C3DBA	00000000	00000000		
000C3DC2	00000000	00000000		
000C3DCA	00000000	00000000		
000C3DD2	00000000	00000000		
000C3DDA	00000000	00000000		
000C3DE2	00000000	00000000		
000C3DEA	00000000	00000000		
000C3DF2	00000000	00000000		
000C3DFA	00000000	00000000		
000C3E02	00000000	00000000		
000C3E0A	00000000	00000000		
000C3E12	00000000	00000000		
000C3E1A	00000000	00000000		
000C3E22	00000000	00000000		
000C3E2A	00000000	00000000		
000C3E32	00000000	00000000		
000C3E3A	00000000	00000000		
000C3E42	00000000	00000000		
000C3E4A	00000000	00000000		
000C3E52	00000000	00000000		
000C3E5A	00000000	00000000		
000C3E62	00000000	00000000		
000C3E6A	00000000	00000000		
000C3E72	00000000	00000000		
000C3E7A	00000000	00000000		
000C3E82	00000000	00000000		
000C3E8A	00000000	00000000		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
000C3E92	00000000 00000000			
000C3E9A	00000000 00000000			
000C3EA2	00000000 00000000			
000C3EAA	00000000 00000000			
000C3EB2	00000000 00000000			
000C3EBA	00000000 00000000			
000C3EC2	00000000 00000000			
000C3ECA	00000000 00000000			
000C3ED2	00000000 00000000			
000C3EDA	00000000 00000000			
000C3EE2	00000000 00000000			
000C3EEA	00000000 00000000			
000C3EF2	00000000 00000000			
000C3EFA	00000000 00000000			
000C3F02	00000000 00000000			
000C3F0A	00000000 00000000			
000C3F12	00000000 00000000			
000C3F1A	00000000 00000000			
000C3F22	00000000 00000000			
000C3F2A	00000000 00000000			
000C3F32	00000000 00000000			
000C3F3A	000000F1 00000000			
000C3F42	00000000 00000000			
000C3F4A	00000000 00000000			
000C3F52	00000000 00000000			
000C3F5A		000C3F5A	000E3F5A	1207      ORG    **2*K64

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				1209 *****
				1210 * Register equates
				1211 *****
		00000000	00000001	1213 R0 EQU 0
		00000001	00000001	1214 R1 EQU 1
		00000002	00000001	1215 R2 EQU 2
		00000003	00000001	1216 R3 EQU 3
		00000004	00000001	1217 R4 EQU 4
		00000005	00000001	1218 R5 EQU 5
		00000006	00000001	1219 R6 EQU 6
		00000007	00000001	1220 R7 EQU 7
		00000008	00000001	1221 R8 EQU 8
		00000009	00000001	1222 R9 EQU 9
		0000000A	00000001	1223 R10 EQU 10
		0000000B	00000001	1224 R11 EQU 11
		0000000C	00000001	1225 R12 EQU 12
		0000000D	00000001	1226 R13 EQU 13
		0000000E	00000001	1227 R14 EQU 14
		0000000F	00000001	1228 R15 EQU 15

1230 END







SYMBOL	TYPE	VALUE	LENGTH	DEFN	REFERENCES
TRTOP8F1	X	00063A38	1	1197	633 774
TRTOPC11	X	00083B38	1	1200	878 902 938
TRTOPCF0	X	000A3B5C	1	1203	890 950 1136 1148
TRTOPCF1	X	000C3D5A	1	1206	914 1055 1112 1124
TST1LOOP	U	0000050A	1	125	182
=F'0'	F	000005F4	4	213	181



MACRO DEFN REFERENCES

No defined macros

DESC	SYMBOL	SIZE	POS	ADDR
------	--------	------	-----	------

Entry: 0

Image	IMAGE	933722	00000-E3F59	00000-E3F59
Region		933722	00000-E3F59	00000-E3F59
CSECT	TRTE1TST	933722	00000-E3F59	00000-E3F59

STMT

FILE NAME

1 c:\Users\Fish\Documents\Visual Studio 2008\Projects\MyProjects\ASMA-0\TRTE-01-basic\TRTE-01-basic.asm

\*\* NO ERRORS FOUND \*\*