#	Function	Segment	Address	Code	Mnemonic	Comment
1	MAIN	START	4000	*25D*	*?NC XQ*	*Load status set0*
2	MAIN		4001	*01C*	*->0797*	*[LDSST0]*
3	MAIN		4002	0BC	RCR 5	rotate to group 32-35
4			4003	358	ST=C XP	copy to status bits
5	*needs a way to tell when to*		4004	38C	?FSET 0	user flag 35 set?
6	*simply ignore it and when to*		4005	3A0	?NC RTN	*no, bail out!*
7	*actually start FORTH mode*		4006	0FC	RCR 10	rotate to group 48-51
8			4007	358	ST=C XP	copy to status bits
9	MAIN		4008	08C	?FSET 5	user flag 47 set? (shift key)
10	MAIN		4009	360	?C RTN	*yes, bail out!*
11	MAIN		400A	*275*	*?NC XQ*	*Set USER and ALPHA on*
12	MAIN		400B	*134*	*->4D9D*	*[USRALP]*
13	MAIN		400C	*1B9*	*?NC XQ*	
14	MAIN		400D	*134*	*->4D6E*	*[LB_4D6E]*
15	MAIN		400E	*095*	*?NC XQ*	*Initialize Buffer*
16	MAIN		400F	*124*	*->4925*	*[CALCON]*
17	MAIN		4010	*23D*	*?NC XQ*	
18	MAIN		4011	*134*	*->4D8F*	*[LB_4D8F]*
19	MAIN	ABORT	4012	*13D*	*?NC XQ*	*Select FORTH buffer*
20	MAIN		4013	*120*	*->484F*	*[SLCFORTH]*
21	MAIN		4014	0B8	READ 2(Y)	
22	MAIN		4015	23C	RCR 2	
23	MAIN		4016	10E	A=C ALL	
24	MAIN		4017	078	READ 1(Z)	
25	MAIN		4018	29C	PT= 7	
26	MAIN		4019	0AA	A<>C PT<-	
27	MAIN		401A	068	WRIT 1(Z)	
28	MAIN	QUIT	401B	*3C9*	*?NC XQ*	*Left Bracket*
29	MAIN		401C	*124*	*->49F2*	*[LBRCKT]*
30	MAIN	ENTRY2	401D	*2B1*	*?NC XQ*	*put "OK" in LCD and select buffer*
31	MAIN		401E	*124*	*->49AC*	*[WRITOK]*
32	MAIN		401F	138	READ 4(L)	*read register 0D4*
33	MAIN		4020	17C	RCR 6	
34	MAIN		4021	01C	PT= 3	
35	MAIN		4022	2EA	?C#0 PT<-	
36	MAIN		4023	*023*	*JNC +04*	*LB_4027*
37	MAIN		4024	10A	A=C PT<-	
38	MAIN		4025	*115*	*?NC XQ*	
39	MAIN		4026	*128*	*->4A45*	*[EN_4A45]*
40	MAIN	LB_4027	4027	*399*	*?NC XQ*	
41	MAIN		4028	*124*	*->49E6*	*[EN_49E6]*
42	MAIN	ENTRY3	4029	*0BD*	*?NC XQ*	
43	MAIN		402A	*120*	*->482F*	*[EN_482F]*
44	MAIN		402B	04E	C=0 ALL	
45	MAIN		402C	268	WRIT 9(Q)	
46	MAIN	MAINLP	402D	*26D*	*?NC XQ*	
47	MAIN		402E	*124*	*->499B*	*[AWAKE]*
48	MAIN	LB_402F	402F	046	C=0 S&X	
49	MAIN		4030	270	RAMSLCT	*select status block*
50	MAIN		4031	3B8	READ 14(d)	read user flags
51	MAIN		4032	27C	RCR 9	rotate to group 16-19
52	MAIN		4033	358	ST=C XP	copy to status bits
53	MAIN		4034	*3D9*	*?NC XQ*	*Enable LCD*
54	MAIN		4035	*01C*	*->07F6*	*[ENLCD]*
55	MAIN		4036	***38C***	***?FSET 0***	*Uflag 19 set? ("OK" in LCD)*
56	MAIN		4037	*02B*	*JNC +05*	*no -> LB_403C*
57	MAIN		4038	*141*	*?NC XQ*	*yes, Partial Entry Sequence*
58	MAIN		4039	*038*	*->0E50*	*[NEXT] - no prompt*

59	MAIN		403A	000	NOP	*do nothing if back-arrow*
60	MAIN		403B	*023*	*JNC +04*	*[PROMPT]*
61	MAIN	PROMPT	403C	*115*	*?NC XQ*	*Partial Entry Sequence*
62	MAIN		403D	*038*	*->0E45*	*[NEXT1] - one prompt*
63	MAIN		403E	000	NOP	*do nothing if back-arrow*
64	MAIN	**LB_403F**	**403F**	*3F9*	*?NC XQ*	*returns w/ key in M[S&X]*
65	MAIN		4040	*124*	*->49FE*	*[EN_49FE]*
66	MAIN		4041	31C	PT= 1	
67	MAIN		4042	2E2	?C#0 @PT	control key?
68	MAIN		4043	***03F***	***JC +07***	*no, skip- > LB_404A*
69	MAIN		4044	1BC	RCR 11	
70	MAIN		4045	15C	PT= 6	
71	MAIN		4046	110	LD@PT- 4	*control address*
72	MAIN		4047	3D0	LD@PT- F	*"4F5x"*
73	MAIN		4048	150	LD@PT- 5	
74	MAIN		4049	***1E0***	***GOTO ADR***	***go to thread headers***
75	MAIN	LB_404A	404A	*149*	*?NC XQ*	*Enable Chip0*
76	MAIN		404B	*024*	*->0952*	*[ENCP00]*
77	MAIN		404C	*125*	*?NC XQ*	*turn off SHIFT*
78	MAIN		404D	*01C*	*->0749*	*[OFSHFT]*
79	MAIN		404E	3B8	READ 14(d)	
80	MAIN		404F	17C	RCR 6	
81	MAIN		4050	358	ST=C XP	
82	MAIN		4051	04C	?FSET 4	
83	MAIN		4052	*033*	*JNC +06*	*LB_4058*
84	MAIN		4053	*205*	*?NC XQ*	
85	MAIN		4054	*0BC*	*->2F81*	*[TBITMP]*
86	MAIN		4055	2EE	?C#0 ALL	
87	MAIN		4056	*219*	*?C GO*	
88	MAIN		4057	*137*	*->4D86*	*[LB_4D86]*
89	MAIN	LB_4058	4058	*13D*	*?NC XQ*	*Select FORTH buffer*
90	MAIN		4059	*120*	*->484F*	*[SLCFORTH]*
91	MAIN		405A	*195*	*?NC XQ*	
92	MAIN		405B	*128*	*->4A65*	*[LB_4A65]*
93	MAIN	**RESUME**	**405C**	**046**	**C=0 S&X**	
94	MAIN		405D	270	RAMSLCT	*select status block*
95	MAIN		405E	*039*	*?NC XQ*	
96	MAIN		405F	*0B4*	*->2D0E*	*[APPEND]*
97	MAIN		4060	*2E1*	*?NC XQ*	*append chr in G to DISPL*
98	MAIN		4061	*124*	*->49B8*	*[APNDG#]]*
99	MAIN		4062	***26B***	***JNC -33***	*LB_402F*
1	TOGGLE	**SHIFT**	**4063**	*395*	*?NC XQ*	*Toggles SHIFT*
2	TOGGLE		4064	*07C*	*->1FE5*	*[TOGSHF]*
3	TOGGLE		4065	*033*	*JNC +06*	*LB_406B*
4	TOGGLE	**USER**	**4066**	*1BD*	*?NC XQ*	*Toggle USER flag*
5	TOGGLE		4067	*100*	*->406F*	*[TGUSER]*
6	TOGGLE		4068	*01B*	*JNC +03*	*LB_406B*
7	TOGGLE	**ALPHA**	**4069**	*1F5*	*?NC XQ*	*Toggle ALPHA mode*
8	TOGGLE		406A	*100*	*->407D*	*[TGALPH]*
9	TOGGLE	LB_406B	406B	*171*	*?NC XQ*	*update annunciators*
10	TOGGLE		406C	*01C*	*->075C*	*[ANNOUT]*
11	TOGGLE		406D	*0B5*	*?NC GO*	
12	TOGGLE		406E	*102*	*->402D*	*[MAINLP]*
1	TGUSER	**TGUSER**	**406F**	**046**	**C=0 S&X**	
2	TGUSER		4070	270	RAMSLCT	
3			4071	3B8	READ 14(d)	
4	*toggles USER flag*		4072	2BC	RCR 7	
5			4073	358	ST=C XP	
6	TGUSER		4074	38C	?FSET 0	

7	TGUSER		4075	*01B*	*JNC +03*	*LB_4078*
8	TGUSER		4076	384	CLRF 0	
9	TGUSER		4077	*013*	*JNC +02*	*LB_4079*
10	TGUSER	LB_4078	4078	388	SETF 0	
11	TGUSER	LB_4079	4079	398	C=ST XP	
12	TGUSER		407A	2BC	RCR 7	
13	TGUSER		407B	3A8	WRIT 14(d)	
14	TGUSER		407C	3E0	RTN	
1	TGALPH	**TGALPH**	**407D**	**046**	**C=0 S&X**	
2	TGALPH		407E	270	RAMSLCT	
3	TGALPH		407F	3B8	READ 14(d)	read status
4			4080	358	ST=C XP	copy to flags
5	*toogles ALPHA mode*		4081	28C	?FSET 7	is ALPHA on?
6			4082	*01B*	*JNC +03*	*no, -> LB_4085*
7	TGALPH		4083	284	CLRF 7	yes, clear flag
8	TGALPH		4084	*013*	*JNC +02*	*LB_4086*
9	TGALPH	LB_4085	4085	288	SETF 7	
10	TGALPH	LB_4086	4086	398	C=ST XP	change bits
11	TGALPH		4087	3A8	WRIT 14(d)	commit to status
12	TGALPH		4088	3E0	RTN	done
1	CLRCMD	**CLRCMD**	**4089**	*125*	*?NC XQ*	
2	CLRCMD		408A	*01C*	*->0749*	*[OFSHFT]*
3	CLRCMD		408B	*3C1*	*?NC XQ*	
4	CLRCMD		408C	*0B0*	*->2CF0*	*[CLLCDE]*
5	CLRCMD		408D	*1B9*	*?NC XQ*	
6	CLRCMD		408E	*12C*	*->4B6E*	*[EN_4B6E]*
7	CLRCMD		408F	*3ED*	*?NC GO*	
8	CLRCMD		4090	*13A*	*->4EFB*	*[LB_4EFB]*
1		**LB_4091**	**4091**	**184**	**CLRF 11**	
2			4092	0F8	READ 3(X)	
3			4093	01C	PT= 3	
4			4094	10A	A=C PT<-	
5			4095	*0A5*	*?NC XQ*	
6			4096	*128*	*->4A29*	*[EN_4A29]*
7			4097	*0A5*	*?NC XQ*	
8			4098	*128*	*->4A29*	*[EN_4A29]*
9			4099	*0A5*	*?NC XQ*	
10			409A	*128*	*->4A29*	*[EN_4A29]*
11			409B	0F8	READ 3(X)	
12			409C	0AA	A<>C PT<-	
13			409D	0E8	WRIT 3(X)	
14			409E	10A	A=C PT<-	
15			409F	*359*	*?NC XQ*	
16			40A0	*0A4*	*->29D6*	*[INCADA]*
17			40A1	*139*	*?NC XQ*	
18			40A2	*088*	*->224E*	*[GTLINK]*
19			40A3	2EA	?C#0 PT<-	
20			40A4	***0C7***	***JC +18***	*LB_40BC*
21			40A5	188	SETF 11	
22			40A6	*13D*	*?NC XQ*	*Select FORTH buffer*
23			40A7	*120*	*->484F*	*[SLCFORTH]*
24			40A8	0F8	READ 3(X)	
25			40A9	13C	RCR 8	
26			40AA	10A	A=C PT<-	
27		LB_40AB	40AB	01C	PT= 3	
28			40AC	*2E5*	*?NC XQ*	
29			40AD	*0A4*	*->29B9*	*[NXBYTA]*
30			40AE	31C	PT= 1	
31			40AF	262	C=C-1 @PT	

32			40B0	262	C=C-1 @PT	
33			40B1	2EA	?C#0 PT<-	
34			40B2	3CF	JC -07	LB_40AB
35			40B3	13D	?NC XQ	Select FORTH buffer
36			40B4	120	->484F	[SLCFORTH]
37			40B5	0F8	READ 3(X)	
38			40B6	13C	RCR 8	
39			40B7	01C	PT= 3	
40			40B8	0AA	A<>C PT<-	
41			40B9	10A	A=C PT<-	
42			40BA	17C	RCR 6	
43			40BB	0E8	WRIT 3(X)	
44		EN_40BC	40BC	04E	C=0 ALL	
45			40BD	070	N=C ALL	
46			40BE	130	LDI S&X	
47			40BF	005	CON:	
48			40C0	01C	PT= 3	
49			40C1	10A	A=C PT<-	
50		LB_40C2	40C2	2ED	?NC XQ	
51			40C3	0A4	->29BB	[GTBYTA]
52			40C4	329	?NC XQ	
53			40C5	0A4	->29CA	[DECADA]
54			40C6	31C	PT= 1	
55			40C7	2EA	?C#0 PT<-	
56			40C8	093	JNC +12	LB_40DA
57			40C9	39C	PT= 0	
58			40CA	058	G=C @PT,+	
59			40CB	31C	PT= 1	
60			40CC	262	C=C-1 @PT	
61			40CD	262	C=C-1 @PT	
62			40CE	2EA	?C#0 PT<-	
63			40CF	05B	JNC +0B	LB_40DA
64			40D0	0B0	C=N ALL	
65			40D1	19C	PT= 11	
66			40D2	3CA	RSHFC PT<-	
67			40D3	3CA	RSHFC PT<-	
68			40D4	0DC	PT= 10	
69			40D5	098	C=G @PT,+	
70			40D6	23E	C=C+1 MS	
71			40D7	070	N=C ALL	
72			40D8	01C	PT= 3	
73			40D9	34B	JNC -17	LB_40C2
74		LB_40DA	40DA	13D	?NC XQ	Select FORTH buffer
75			40DB	120	->484F	[SLCFORTH]
76			40DC	0B0	C=N ALL	
77		LB_40DD	40DD	31C	PT= 1	
78			40DE	2EA	?C#0 PT<-	
79			40DF	02F	JC +05	LB_40E4
80			40E0	19C	PT= 11	
81			40E1	3CA	RSHFC PT<-	
82			40E2	3CA	RSHFC PT<-	
83			40E3	3D3	JNC -06	LB_40DD
84		LB_40E4	40E4	268	WRIT 9(Q)	
85			40E5	3E0	RTN	
1	ABACK	ABACK	40E6	046	C=0 S&X	
2	ABACK		40E7	270	RAMSLCT	
3	ABACK		40E8	31C	PT= 1	
4	ABACK		40E9	178	READ 5(M)	
5	ABACK		40EA	10E	A=C ALL	

6	ABACK		40EB	1B8	READ 6(N)	
7	ABACK		40EC	0AA	A<>C PT<-	
8	ABACK		40ED	0AE	A<>C ALL	
9	ABACK		40EE	23C	RCR 2	
10	ABACK		40EF	168	WRIT 5(M)	
11	ABACK		40F0	1F8	READ 7(O)	
12	ABACK		40F1	0AA	A<>C PT<-	
13	ABACK		40F2	0AE	A<>C ALL	
14	ABACK		40F3	23C	RCR 2	
15	ABACK		40F4	1A8	WRIT 6(N)	
16	ABACK		40F5	238	READ 8(P)	
17	ABACK		40F6	0AA	A<>C PT<-	
18	ABACK		40F7	0AE	A<>C ALL	
19	ABACK		40F8	23C	RCR 2	
20	ABACK		40F9	1E8	WRIT 7(O)	
21	ABACK		40FA	238	READ 8(P)	
22	ABACK		40FB	17C	RCR 6	
23	ABACK		40FC	04A	C=0 PT<-	
24	ABACK		40FD	0FC	RCR 10	
25	ABACK		40FE	228	WRIT 8(P)	
26	ABACK		40FF	3E0	RTN	
1	DELCHR	**DELCHR**	**4100**	**178**	**READ 5(M)**	
2	DELCHR		4101	31C	PT= 1	
3	DELCHR		4102	2EA	?C#0 PT<-	
4	DELCHR		4103	*0B5*	*?NC GO*	
5	DELCHR		4104	*102*	*->402D*	*[MAINLP]*
6	DELCHR		4105	262	C=C-1 @PT	
7	DELCHR		4106	262	C=C-1 @PT	
8	DELCHR		4107	2EA	?C#0 PT<-	
9	DELCHR		4108	***01F***	***JC +03***	*LB_410B*
10	DELCHR		4109	248	SETF 9	
11	DELCHR		410A	*013*	*JNC +02*	*LB_410C*
12	DELCHR	LB_410B	410B	244	CLRF 9	
13	DELCHR	LB_410C	410C	*399*	*?NC XQ*	
14	DELCHR		410D	*100*	*->40E6*	*[ABACK]*
15	DELCHR		410E	108	SETF 8	
16	DELCHR		410F	*041*	*?NC XQ*	
17	DELCHR		4110	*0B0*	*->2C10*	*[ARGOUT]*
18	DELCHR		4111	*13D*	*?NC XQ*	*Select FORTH buffer*
19	DELCHR		4112	*120*	*->484F*	*[SLCFORTH]*
20	DELCHR		4113	24C	?FSET 9	
21	DELCHR		4114	*023*	*JNC +04*	*LB_4118*
22	DELCHR		4115	*245*	*?NC XQ*	
23	DELCHR		4116	*100*	*->4091*	*[LB_4091]*
24	DELCHR		4117	***063***	***JNC +0C***	*LB_4123*
25	DELCHR	LB_4118	4118	278	READ 9(Q)	
26	DELCHR		4119	27E	C=C-1 MS	
27	DELCHR		411A	11E	A=C MS	
28	DELCHR		411B	2DC	PT= 13	
29	DELCHR		411C	190	LD@PT- 6	
30	DELCHR		411D	31E	?A<C MS	
31	DELCHR		411E	*01B*	*JNC +03*	*LB_4121*
32	DELCHR		411F	3CA	RSHFC PT<-	
33	DELCHR		4120	3CA	RSHFC PT<-	
34	DELCHR	LB_4121	4121	0BE	A<>C MS	
35	DELCHR		4122	268	WRIT 9(Q)	
36	DELCHR	LB_4123	4123	*225*	*?NC XQ*	
37	DELCHR		4124	*12C*	*->4B89*	*[EN_4B89]*
38	DELCHR		4125	*149*	*?NC XQ*	*Partial Entry Sequence*

39	DELCHR		4126	038	->0E52	[NEXT00]
40	DELCHR		4127	000	NOP	do nothing if back-arrow
41	DELCHR		4128	0FD	?NC GO	
42	DELCHR		4129	102	->403F	[LB_403F]
1	FPRINT	FPRINT	412A	125	?NC XQ	
2	FPRINT		412B	01C	->0749	[OFSHFT]
3	FPRINT		412C	178	READ 5(M)	
4	FPRINT		412D	31C	PT= 1	
5	FPRINT		412E	2EA	?C#0 PT<-	
6	FPRINT	LB_412F	412F	0B5	?NC GO	
7	FPRINT		4130	102	->402D	[MAINLP]
8	FPRINT		4131	262	C=C-1 @PT	
9	FPRINT		4132	262	C=C-1 @PT	
10	FPRINT		4133	2EA	?C#0 PT<-	
11	FPRINT		4134	3DB	JNC -05	LB_412F
12	FPRINT		4135	2E0	DSPOFF	
13	FPRINT		4136	13D	?NC XQ	Select FORTH buffer
14	FPRINT		4137	120	->484F	[SLCFORTH]
15	FPRINT		4138	278	READ 9(Q)	
16	FPRINT		4139	070	N=C ALL	
17	FPRINT		413A	1ED	?NC XQ	
18	FPRINT		413B	130	->4C7B	[EN_4C7B]
19	FPRINT		413C	320	DSPTOG	
20	FPRINT		413D	13D	?NC XQ	Select FORTH buffer
21	FPRINT		413E	120	->484F	[SLCFORTH]
22	FPRINT		413F	278	READ 9(Q)	
23	FPRINT		4140	2EE	?C#0 ALL	
24	FPRINT		4141	377	JC -12	LB_412F
25	FPRINT		4142	130	LDI S&X	
26	FPRINT		4143	020	CON:	
27	FPRINT		4144	39C	PT= 0	
28	FPRINT		4145	058	G=C @PT,+	
29	FPRINT		4146	171	?NC GO	
30	FPRINT		4147	102	->405C	[RESUME]
1	CNTRL	CNTROL	4148	125	?NC XQ	
2	CNTRL		4149	01C	->0749	[OFSHFT]
3	CNTRL		414A	3C1	?NC XQ	
4	CNTRL		414B	0B0	->2CF0	[CLLCDE]
5	CNTRL		414C	3BD	?NC XQ	
6	CNTRL		414D	01C	->07EF	[MESSL]
7	CNTRL		414E	003	"C"	
8	CNTRL		414F	014	"T"	
9	CNTRL		4150	012	"R"	
10	CNTRL		4151	00C	"L"	
11	CNTRL		4152	220	" "	
12	CNTRL		4153	115	?NC XQ	Partial Entry Sequence
13	CNTRL		4154	038	->0E45	[NEXT1]
14	CNTRL		4155	000	NOP	do nothing if back-arrow
15	CNTRL		4156	0B0	C=N ALL	pressed keycode
16	CNTRL		4157	05A	C=0 M	
17	CNTRL		4158	23C	RCR 2	move to C<0:1>
18	CNTRL		4159	10E	A=C ALL	save in A
19	CNTRL		415A	2DC	PT= 13	
20	CNTRL		415B	190	LD@PT- 6	
21	CNTRL		415C	37E	?A#C MS	
22	CNTRL		415D	0FF	JC +1F	LB_417C
23	CNTRL		415E	1A6	A=A-1 S&X	
24	CNTRL		415F	0EF	JC +1D	LB_417C
25	CNTRL		4160	130	LDI S&X	

26	CNTRL		4161	003	CON:	
27	CNTRL		4162	306	?A<C S&X	
28	CNTRL		4163	**0CB**	**JNC +19**	LB_417C
29	CNTRL		4164	130	LDI S&X	
30	CNTRL		4165	030	CON:	
31	CNTRL		4166	206	C=C+A S&X	
32	CNTRL		4167	226	C=C+1 S&X	
33	CNTRL		4168	3E8	WRIT 15(e)	write to LCD
34	CNTRL		4169	066	A<>B S&X	
35	CNTRL		416A	3DD	?NC XQ	
36	CNTRL		416B	0AC	->2BF7	[LEFTJ]
37	CNTRL		416C	135	?NC XQ	Selct RAM and [SELFORTH]
38	CNTRL		416D	120	->484D	[LB_484D]
39	CNTRL		416E	261	?NC XQ	
40	CNTRL		416F	000	->0098	[RSTKB]
41	CNTRL		4170	066	A<>B S&X	
42	CNTRL		4171	038	READATA	
43	CNTRL	LB_4172	4172	1A6	A=A-1 S&X	
44	CNTRL		4173	**01F**	**JC +03**	LB_4176
45	CNTRL		4174	07C	RCR 4	
46	CNTRL		4175	**3EB**	**JNC -03**	LB_4172
47	CNTRL	LB_4176	4176	01C	PT= 3	
48	CNTRL		4177	2EA	?C#0 PT<-	
49	CNTRL		4178	023	JNC +04	LB_417C
50	CNTRL		4179	10A	A=C PT<-	
51	CNTRL		417A	115	?NC XQ	
52	CNTRL		417B	128	->4A45	[EN_4A45]
53	CNTRL	LB_417C	417C	108	SETF 8	
54	CNTRL		417D	041	?NC XQ	
55	CNTRL		417E	0B0	->2C10	[ARGOUT]
56	CNTRL		417F	079	?NC XQ	Clears User flag 19
57	CNTRL		4180	134	->4D1E	[CF_19]
58	CNTRL		4181	000	NOP	superfluous
59	CNTRL		4182	149	?NC XQ	Partial Entry Sequence
60	CNTRL		4183	038	->0E52	[NEXT00]
61	CNTRL		4184	000	NOP	do nothing if back-arrow
62	CNTRL		4185	0FD	?NC GO	
63	CNTRL		4186	102	->403F	[LB_403F]
1	PARSE	**PARSE**	**4187**	125	?NC XQ	shift OFF
2	PARSE		4188	01C	->0749	[OFSHFT]
3			4189	178	READ 5(M)	read leftmost ALPHA
4	*routine used to parse the*		418A	31C	PT= 1	
5	*contents of the command line*		418B	2EA	?C#0 PT<-	last digit zero?
6			418C	**143**	**JNC +28**	yes, -> LB_41B4
7	PARSE		418D	262	C=C-1 @PT	
8	PARSE		418E	262	C=C-1 @PT	
9	PARSE		418F	2EA	?C#0 PT<-	
10	PARSE		4190	**07B**	**JNC +0F**	LB_419F
11	PARSE		4191	2E0	DSPOFF	
12	PARSE		4192	13D	?NC XQ	Select FORTH buffer
13	PARSE		4193	120	->484F	[SLCFORTH]
14	PARSE		4194	278	READ 9(Q)	
15	PARSE		4195	070	N=C ALL	
16	PARSE		4196	1ED	?NC XQ	madre del cordero...
17	PARSE		4197	130	->4C7B	[EN_4C7B]
18	PARSE		4198	13D	?NC XQ	Select FORTH buffer
19	PARSE		4199	120	->484F	[SLCFORTH]
20	PARSE		419A	278	READ 9(Q)	
21	PARSE		419B	320	DSPTOG	activate display

22	PARSE		419C	2EE	?C#0 ALL	*command line blank?*
23	PARSE		419D	*0B5*	*?C GO*	*yes*
24	PARSE		419E	*103*	*->402D*	*[MAINLP]*
25	PARSE	LB_419F	419F	*399*	*?NC XQ*	
26	PARSE		41A0	*124*	*->49E6*	*[EN_49E6]*
27	PARSE		41A1	046	C=0 S&X	
28	PARSE		41A2	*0B9*	*?NC XQ*	
29	PARSE		41A3	*130*	*->4C2E*	*[EN_4C2E]*
30	PARSE		41A4	290	LD@PT- A	
31	PARSE		41A5	090	LD@PT- 2	*"}-EXB" fcn. Code*
32	PARSE		41A6	110	LD@PT- 4	***"A24F"***
33	PARSE		41A7	3D0	LD@PT- F	
34	PARSE		41A8	*085*	*?NC XQ*	*sets primitive in C<3:0>*
35	PARSE		41A9	*130*	*->4C21*	*[EN_4C21]*
36	PARSE		41AA	*0BD*	*?NC XQ*	
37	PARSE		41AB	*120*	*->482F*	*[EN_482F]*
38	PARSE		41AC	0F8	READ 3(X)	
39	PARSE		41AD	01C	PT= 3	
40	PARSE		41AE	10A	A=C PT<-	
41	PARSE		41AF	*0B1*	*?NC XQ*	
42	PARSE		41B0	*08C*	*->232C*	*[PUTPCD]*
43	PARSE		41B1	10E	A=C ALL	
44	PARSE		41B2	*115*	*?NC XQ*	*Run baby run...no return!*
45	PARSE		41B3	*128*	*->4A45*	*[EN_4A45]*
46	PARSE	LB_41B4	41B4	*075*	*?NC GO*	
47	PARSE		41B5	*102*	*->401D*	*[ENTRY2]*
1		**EN_41B6**	**41B6**	**01C**	**PT= 3**	
2		LB_41B7	41B7	00E	A=0 ALL	
3			41B8	10A	A=C PT<-	
4			41B9	04E	C=0 ALL	
5			41BA	1D0	LD@PT- 7	
6			41BB	01C	PT= 3	
7			41BC	0EE	B<>C ALL	
8			41BD	04E	C=0 ALL	
9			41BE	*013*	*JNC +02*	LB_41C0
10		LB_41BF	41BF	222	C=C+1 @PT	
11		LB_41C0	41C0	18E	A=A-B ALL	
12			41C1	***3F3***	***JNC -02***	LB_41BF
13			41C2	12E	A=A+B ALL	
14			41C3	3AE	RSHFB ALL	
15			41C4	3D4	PT=R-1	
16			41C5	2D4	?PT= 13	
17			41C6	***3D3***	***JNC -06***	LB_41C0
18			41C7	01C	PT= 3	
19			41C8	0AA	A<>C PT<-	
20			41C9	1BC	RCR 11	
21			41CA	1E2	C=C+C @PT	
22			41CB	0A6	A<>C S&X	
23			41CC	10A	A=C PT<-	
24			41CD	3E0	RTN	
1	???	????	41CE	10E	A=C ALL	
2	???		41CF	*261*	*?NC XQ*	
3	???		41D0	*128*	*->4A98*	*[EN_4A98]*
4	???		41D1	0AA	A<>C PT<-	
5	???		41D2	0CC	?FSET 10	
6	???		41D3	***323***	***JNC -1C***	*LB_41B7*
7	???		41D4	3E0	RTN	
1	???	????	41D5	0AE	A<>C ALL	
2	???		41D6	10E	A=C ALL	

3	???		41D7	0CC	?FSET 10	
4	???		41D8	360	?C RTN	
5	???		41D9	*29D*	*?NC GO*	
6	???		41DA	*12A*	*->4AA7*	*[LB_4AA7]*
1		**EN_41DB**	**41DB**	*13D*	*?NC XQ*	*Select FORTH buffer*
2			41DC	*120*	*->484F*	*[SLCFORTH]*
3			41DD	1B8	READ 6(N)	
4			41DE	106	A=C S&X	
5			41DF	178	READ 5(M)	
6			41E0	0A6	A<>C S&X	
7			41E1	37C	RCR 12	
8			41E2	3E0	RTN	
1	HASH	**HASH2**	**41E3**	*029*	*?NC XQ*	
2	HASH		41E4	*12C*	*->4B0A*	*[EN_4B0A]*
3	HASH		41E5	158	M=C ALL	
4	HASH		41E6	*029*	*?NC XQ*	
5	HASH		41E7	*12C*	*->4B0A*	*[EN_4B0A]*
6	HASH		41E8	00E	A=0 ALL	
7	HASH		41E9	10A	A=C PT<-	
8	HASH		41EA	0AE	A<>C ALL	
9	HASH		41EB	070	N=C ALL	
10	HASH		41EC	*029*	*?NC XQ*	
11	HASH		41ED	*12C*	*->4B0A*	*[EN_4B0A]*
12	HASH		41EE	10E	A=C ALL	
13	HASH		41EF	0B0	C=N ALL	
14	HASH		41F0	0FC	RCR 10	
15	HASH		41F1	0AA	A<>C PT<-	
16	HASH		41F2	070	N=C ALL	
17	HASH		41F3	3E0	RTN	
18	HASH	**HASH3**	**41F4**	**0B0**	**C=N ALL**	
19	HASH		41F5	*3CD*	*?NC XQ*	
20	HASH		41F6	*128*	*->4AF3*	*[EN_4AF3]*
21	HASH		41F7	0B0	C=N ALL	
22	HASH		41F8	07C	RCR 4	
23	HASH		41F9	*3CD*	*?NC XQ*	
24	HASH		41FA	*128*	*->4AF3*	*[EN_4AF3]*
25	HASH		41FB	198	C=M ALL	
26	HASH		41FC	*3CD*	*?NC GO*	
27	HASH		41FD	*12A*	*->4AF3*	*[EN_4AF3]*
28	HASH	**HASH4**	**41FE**	*13D*	*?NC XQ*	*Select FORTH buffer*
29	HASH		41FF	*120*	*->484F*	*[SLCFORTH]*
30	HASH		4200	178	READ 5(M)	
31	HASH		4201	39C	PT= 0	
32	HASH		4202	058	G=C @PT,+	
33	HASH		4203	1A0	A=B=C=0	
34	HASH		4204	11C	PT= 8	
35	HASH		4205	0B0	C=N ALL	
36	HASH		4206	0AE	A<>C ALL	
37	HASH		4207	098	C=G @PT,+	
38	HASH		4208	0EE	B<>C ALL	
39	HASH	LB_4209	4209	3D4	PT=R-1	
40	HASH		420A	3AE	RSHFB ALL	
41	HASH		420B	*013*	*JNC +02*	*LB_420D*
42	HASH	LB_420C	420C	222	C=C+1 @PT	
43	HASH	LB_420D	420D	18E	A=A-B ALL	
44	HASH		420E	***3F3***	***JNC -02***	*LB_420C*
45	HASH		420F	12E	A=A+B ALL	
46	HASH		4210	394	?PT= 0	
47	HASH		4211	***3C3***	***JNC -08***	*LB_4209*

48	HASH		4212	070	N=C ALL	
49	HASH		4213	130	LDI S&X	
50	HASH		4214	00A	CON:	
51	HASH		4215	306	?A<C S&X	
52	HASH		4216	***027***	***JC +04***	*LB_421A*
53	HASH		4217	130	LDI S&X	
54	HASH		4218	037	CON:	
55	HASH		4219	*01B*	*JNC +03*	*LB_421C*
56	HASH	LB_421A	421A	130	LDI S&X	
57	HASH		421B	030	CON:	
58	HASH	LB_421C	421C	206	C=C+A S&X	
59	HASH	**EN_421D**	**421D**	**106**	**A=C S&X**	
60	HASH		421E	198	C=M ALL	
61	HASH		421F	*091*	*?NC XQ*	
62	HASH		4220	*08C*	*->2324*	*[PTBYTA]+1*
63	HASH		4221	*329*	*?NC XQ*	
64	HASH		4222	*0A4*	*->29CA*	*[DECADA]*
65	HASH		4223	0AA	A<>C PT<-	
66	HASH		4224	158	M=C ALL	
67	HASH		4225	3E0	RTN	
1	PRIMTV		4226	000	NUMERIC	
2	PRIMTV		4227	0A2	*fcn. code: A2:5E*	
3	PRIMTV		4228	05E	**FCT: "DUP"**	
4	PRIMTV		4229	000	*adt to return:*	
5	PRIMTV		422A	000	Main FAT	
6	PRIMTV	*Header*	422B	*0D0*	***"P"***	
7	PRIMTV	*Header*	422C	*055*	***"U"***	*"DUP"*
8	PRIMTV	*Header*	422D	*044*	***"D"***	
9	PRIMTV	**DUP**	**422E**	**0A3**	***<3-Chrs.>***	
10	PRIMTV		422F	042	*Next pointer:*	
11	PRIMTV		4230	039	*4239 - ROT"*	
12	PRIMTV		4231	000	NUMERIC	
13	PRIMTV		4232	0A2	*fcn. Code: A2:62*	
14	PRIMTV		4233	062	**FCT: "ROT"**	
15	PRIMTV		4234	000	*adt to return:*	
16	PRIMTV		4235	000	Main FAT	
17	PRIMTV	*Header*	4236	*0D4*	***"T"***	
18	PRIMTV	*Header*	4237	*04F*	***"O"***	*"ROT"*
19	PRIMTV	*Header*	4238	*052*	***"R"***	
20	PRIMTV	**ROT**	**4239**	**0A3**	***<3-Chrs.>***	
21	PRIMTV		423A	043	*Next pointer:*	
22	PRIMTV		423B	04E	*434E - "MM>"*	
23	PRIMTV		423C	000	NUMERIC	
24	PRIMTV		423D	0A2	*fcn. Code: A2:5F*	
25	PRIMTV		423E	05F	**FCT: "DROP"**	
26	PRIMTV		423F	000	*adt to return:*	
27	PRIMTV		4240	000	Main FAT	
28	PRIMTV	*Header*	4241	*0D0*	***"P"***	
29	PRIMTV	*Header*	4242	*04F*	***"O"***	*"DROP"*
30	PRIMTV	*Header*	4243	*052*	***"R"***	
31	PRIMTV	*Header*	4244	*044*	***"D"***	
32	PRIMTV	**DROP**	**4245**	**0A4**	***<4-Chrs.>***	
33	PRIMTV		4246	042	*Next pointer:*	
34	PRIMTV		4247	051	*4251 - "SWAP"*	
35	PRIMTV		4248	000	NUMERIC	
36	PRIMTV		4249	0A2	*fcn. Code: A2:60*	
37	PRIMTV		424A	060	**FCT: "SWAP"**	
38	PRIMTV		424B	000	*adt to return:*	
39	PRIMTV		424C	000	Main FAT	

40	PRIMTV	*Header*	424D	*0D0*	***"P"***	
41	PRIMTV	*Header*	424E	*041*	***"A"***	*"SWAP"*
42	PRIMTV	*Header*	424F	*057*	***"W"***	
43	PRIMTV	*Header*	4250	*053*	***"S"***	
44	PRIMTV	**SWAP**	**4251**	**0A4**	***<4-Chrs.>***	
45	PRIMTV		4252	042	*Next pointer:*	
46	PRIMTV		4253	05D	*425D - "OVER"*	
47	PRIMTV		4254	000	NUMERIC	
48	PRIMTV		4255	0A2	*fcn. Code: A2:61*	
49	PRIMTV		4256	061	**FCT: "OVER"**	
50	PRIMTV		4257	000	*adt to return:*	
51	PRIMTV		4258	000	Main FAT	
52	PRIMTV	*Header*	4259	*0D2*	***"R"***	
53	PRIMTV	*Header*	425A	*045*	***"E"***	*"OVER"*
54	PRIMTV	*Header*	425B	*056*	***"V"***	
55	PRIMTV	*Header*	425C	*04F*	***"O"***	
56	PRIMTV	**OVER**	**425D**	**0A4**	***<4-Chrs.>***	
57	PRIMTV		425E	043	*Next pointer:*	
58	PRIMTV		425F	091	*4391 - "/MOD"*	
59	PRIMTV		4260	000	NUMERIC	
60	PRIMTV		4261	0A2	*fcn. Code: A2:68*	
61	PRIMTV		4262	068	**FC: "+"**	
62	PRIMTV		4263	000	*adt to return:*	
63	PRIMTV		4264	000	Main FAT	
64	PRIMTV	*Header*	4265	*0AB*	***"+"***	*"+"*
65	PRIMTV	**+**	**4266**	**0A1**	***<1-Chr.>***	
66	PRIMTV		4267	042	*Next pointer:*	
67	PRIMTV		4268	06F	*426F - "@"*	
68	PRIMTV		4269	000	NUMERIC	
69	PRIMTV		426A	0A2	*fcn. Code: A2:56*	
70	PRIMTV		426B	056	**FCT: "@"**	
71	PRIMTV		426C	000	*adt to return:*	
72	PRIMTV		426D	000	Main FAT	
73	PRIMTV	*Header*	426E	*0C0*	***"@"***	*"@"*
74	PRIMTV	**@**	**426F**	**0A1**	***<1-Chr.>***	
75	PRIMTV		4270	042	*Next pointer:*	
76	PRIMTV		4271	078	*4278 - "!"*	
77	PRIMTV		4272	000	NUMERIC	
78	PRIMTV		4273	0A2	*fcn. Code: A2:57*	
79	PRIMTV		4274	057	**FCT: "!"**	
80	PRIMTV		4275	000	*adt to return:*	
81	PRIMTV		4276	000	Main FAT	
82	PRIMTV	*Header*	4277	*0A1*	***"!"***	*"!"*
83	PRIMTV	**!**	**4278**	**0A1**	***<1-Chr.>***	
84	PRIMTV		4279	042	*Next pointer:*	
85	PRIMTV		427A	081	*4281 - "?"*	
86	PRIMTV		427B	000	NUMERIC	
87	PRIMTV		427C	0A2	*fcn. Code: A2:5B*	
88	PRIMTV		427D	05B	**FCT: "?"**	
89	PRIMTV		427E	000	*adt to return:*	
90	PRIMTV		427F	000	Main FAT	
91	PRIMTV	*Header*	4280	*0BF*	***"?"***	*"?"*
92	PRIMTV	**?**	**4281**	**0A1**	***<1-Chr.>***	
93	PRIMTV		4282	042	*Next pointer:*	
94	PRIMTV		4283	08A	*428A - "-"*	
95	PRIMTV		4284	000	NUMERIC	
96	PRIMTV		4285	0A2	*fcn. Code: A2:69*	
97	PRIMTV		4286	069	**FCT: "-"**	
98	PRIMTV		4287	000	*adt to return:*	

99	PRIMTV		4288	000	Main FAT	
100	PRIMTV	*Header*	4289	*0AD*	***"-"***	*"-"*
101	PRIMTV	**-**	**428A**	**0A1**	***<1-Chr.>***	
102	PRIMTV		428B	042	*Next pointer:*	
103	PRIMTV		428C	093	*4293 - "*"*	
104	PRIMTV		428D	000	NUMERIC	
105	PRIMTV		428E	0A2	*fcn. Code: A2:6A*	
106	PRIMTV		428F	06A	**FCT: "*"**	
107	PRIMTV		4290	000	*adt to return:*	
108	PRIMTV		4291	000	Main FAT	
109	PRIMTV	*Header*	4292	*0AA*	***"*"***	*"#"*
110	PRIMTV	*****	**4293**	**0A1**	***<1-Chr.>***	
111	PRIMTV		4294	042	*Next pointer:*	
112	PRIMTV		4295	09C	*429C - "/"*	
113	PRIMTV		4296	000	NUMERIC	
114	PRIMTV		4297	0A2	*fcn. Code: A2:6B*	
115	PRIMTV		4298	06B	**FCT: "/"**	
116	PRIMTV		4299	000	*adt to return:*	
117	PRIMTV		429A	000	Main FAT	
118	PRIMTV	*Header*	429B	*0AF*	***"/"***	*"/"*
119	PRIMTV	**/**	**429C**	**0A1**	***<1-Chr.>***	
120	PRIMTV		429D	042	*Next pointer:*	
121	PRIMTV		429E	0A5	*42A5 - "="*	
122	PRIMTV		429F	000	NUMERIC	
123	PRIMTV		42A0	0A2	*fcn. Code: A2:71*	
124	PRIMTV		42A1	071	**FCT: "="**	
125	PRIMTV		42A2	000	*adt to return:*	
126	PRIMTV		42A3	000	Main FAT	
127	PRIMTV	*Header*	42A4	*0BD*	***"="***	*"="*
128	PRIMTV	**=**	**42A5**	**0A1**	***<1-Chr.>***	
129	PRIMTV		42A6	042	*Next pointer:*	
130	PRIMTV		42A7	0AE	*42AE - "<"*	
131	PRIMTV		42A8	000	NUMERIC	
132	PRIMTV		42A9	0A2	*fcn. Code: A2:72*	
133	PRIMTV		42AA	072	**FCT: "<"**	
134	PRIMTV		42AB	000	*adt to return:*	
135	PRIMTV		42AC	000	Main FAT	
136	PRIMTV	*Header*	42AD	*0BC*	***"<"***	*"<"*
137	PRIMTV	**<**	**42AE**	**0A1**	***<1-Chr.>***	
138	PRIMTV		42AF	042	*Next pointer:*	
139	PRIMTV		42B0	0B7	*42B7 - ">"*	
140	PRIMTV		42B1	000	NUMERIC	
141	PRIMTV		42B2	0A2	*fcn. Code: A2:73*	
142	PRIMTV		42B3	073	**FCT: ">"**	
143	PRIMTV		42B4	000	*adt to return:*	
144	PRIMTV		42B5	000	Main FAT	
145	PRIMTV	*Header*	42B6	*0BE*	***">"***	*">"*
146	PRIMTV	**>**	**42B7**	**0A1**	***<1-Chr.>***	
147	PRIMTV		42B8	043	*Next pointer:*	
148	PRIMTV		42B9	0B4	*43B4 - " " "*	
149	PRIMTV		42BA	000	NUMERIC	
150	PRIMTV		42BB	0A2	*fcn. Code: A2:58*	
151	PRIMTV		42BC	058	**FCT: "C@"**	
152	PRIMTV		42BD	000	*adt to return:*	
153	PRIMTV		42BE	000	Main FAT	
154	PRIMTV	*Header*	42BF	*0C0*	***"@"***	
155	PRIMTV	*Header*	42C0	*043*	***"C"***	*"C@"*
156	PRIMTV	**C@**	**42C1**	**0A2**	***<2-Chrs.>***	
157	PRIMTV		42C2	042	*Next pointer:*	

158	PRIMTV		42C3	0CB	*42CB - "C!"*	
159	PRIMTV		42C4	000	NUMERIC	
160	PRIMTV		42C5	0A2	*fcn. Code: A2:59*	
161	PRIMTV		42C6	059	**FCT: "C!"**	
162	PRIMTV		42C7	000	*adt to return:*	
163	PRIMTV		42C8	000	Main FAT	
164	PRIMTV	*Header*	42C9	*0A1*	***"!"***	
165	PRIMTV	*Header*	42CA	*043*	***"C"***	*"C!"*
166	PRIMTV	**C!**	**42CB**	**0A2**	***<2-Chrs.>***	
167	PRIMTV		42CC	042	*Next pointer:*	
168	PRIMTV		42CD	0D5	*42D5 - "+!"*	
169	PRIMTV		42CE	000	NUMERIC	
170	PRIMTV		42CF	0A2	*fcn. Code: A2:5A*	
171	PRIMTV		42D0	05A	**FCT: "+!"**	
172	PRIMTV		42D1	000	*adt to return:*	
173	PRIMTV		42D2	000	Main FAT	
174	PRIMTV	*Header*	42D3	*0A1*	***"!"***	
175	PRIMTV	*Header*	42D4	*02B*	***"+"***	*"+!"*
176	PRIMTV	**+!**	**42D5**	**0A2**	***<2-Chrs.>***	
177	PRIMTV		42D6	042	*Next pointer:*	
178	PRIMTV		42D7	0DF	*42DF - ">R"*	
179	PRIMTV		42D8	000	NUMERIC	
180	PRIMTV		42D9	0A2	*fcn. Code: A2:5C*	
181	PRIMTV		42DA	05C	**FCT: ">R"**	
182	PRIMTV		42DB	000	*adt to return:*	
183	PRIMTV		42DC	000	Main FAT	
184	PRIMTV	*Header*	42DD	*0D2*	***"R"***	
185	PRIMTV	*Header*	42DE	*03E*	***">"***	*">R"*
186	PRIMTV	**>R**	**42DF**	**0A2**	***<2-Chrs.>***	
187	PRIMTV		42E0	042	*Next pointer:*	
188	PRIMTV		42E1	0E9	*42E9 - "R>"*	
189	PRIMTV		42E2	000	NUMERIC	
190	PRIMTV		42E3	0A2	*fcn. Code: A2:5D*	
191	PRIMTV		42E4	05D	**FCT: "R>"**	
192	PRIMTV		42E5	000	*adt to return:*	
193	PRIMTV		42E6	000	*Main FAT*	
194	PRIMTV	*Header*	42E7	*0BE*	***">"***	
195	PRIMTV	*Header*	42E8	*052*	***"R"***	*"R>"*
196	PRIMTV	**R>**	**42E9**	**0A2**	***<2-Chrs.>***	
197	PRIMTV		42EA	042	*Next pointer:*	
198	PRIMTV		42EB	0F3	*42F3 - "*/"*	
199	PRIMTV		42EC	000	NUMERIC	
200	PRIMTV		42ED	0A2	*fcn. Code: A2:6C*	
201	PRIMTV		42EE	06C	**FCT: "*/"**	
202	PRIMTV		42EF	000	*adt to return:*	
203	PRIMTV		42F0	000	Main FAT	
204	PRIMTV	*Header*	42F1	*0AF*	***"/"***	
205	PRIMTV	*Header*	42F2	*02A*	***"*"***	*"*/"*
206	PRIMTV	***/**	**42F3**	**0A2**	***<2-Chrs.>***	
207	PRIMTV		42F4	042	*Next pointer:*	
208	PRIMTV		42F5	0FD	*42FD - "0="*	
209	PRIMTV		42F6	000	NUMERIC	
210	PRIMTV		42F7	0A2	*fcn. Code: A2:74*	
211	PRIMTV		42F8	074	**FCT: "0="**	
212	PRIMTV		42F9	000	*adt to return:*	
213	PRIMTV		42FA	000	Main FAT	
214	PRIMTV	*Header*	42FB	*0BD*	***"="***	
215	PRIMTV	*Header*	42FC	*030*	***"0"***	*"O="*
216	PRIMTV	**0=**	**42FD**	**0A2**	***<2-Chrs.>***	

217	PRIMTV		42FE	043	*Next pointer:*	
218	PRIMTV		42FF	007	*4307 - "0<"*	
219	PRIMTV		4300	000	NUMERIC	
220	PRIMTV		4301	0A2	*fcn. Code: A2:75*	
221	PRIMTV		4302	075	**FCT: "0<"**	
222	PRIMTV		4303	000	*adt to return:*	
223	PRIMTV		4304	000	Main FAT	
224	PRIMTV	*Header*	4305	*0BC*	***"<"***	
225	PRIMTV	*Header*	4306	*030*	***"0"***	*"O<"*
226	PRIMTV	**0<**	**4307**	**0A2**	***<2-Chrs.>***	
227	PRIMTV		4308	043	*Next pointer:*	
228	PRIMTV		4309	011	*4311 - "0>"*	
229	PRIMTV		430A	000	NUMERIC	
230	PRIMTV		430B	0A2	*fcn. Code: A2:76*	
231	PRIMTV		430C	076	**FCT: "0>"**	
232	PRIMTV		430D	000	*adt to return:*	
233	PRIMTV		430E	000	Main FAT	
234	PRIMTV	*Header*	430F	*0BE*	***">"***	
235	PRIMTV	*Header*	4310	*030*	***"0"***	*"0>"*
236	PRIMTV	**0>**	**4311**	**0A2**	***<2-Chrs.>***	
237	PRIMTV		4312	043	*Next pointer:*	
238	PRIMTV		4313	01B	*431B - "1+"*	
239	PRIMTV		4314	000	NUMERIC	
240	PRIMTV		4315	0A2	*fcn. Code: A2:77*	
241	PRIMTV		4316	077	**FCT: "1+"**	
242	PRIMTV		4317	000	*adt to return:*	
243	PRIMTV		4318	000	Main FAT	
244	PRIMTV	*Header*	4319	*0AB*	***"+"***	
245	PRIMTV	*Header*	431A	*031*	***"1"***	*"1+"*
246	PRIMTV	**1+**	**431B**	**0A2**	***<2-Chrs.>***	
247	PRIMTV		431C	043	*Next pointer:*	
248	PRIMTV		431D	025	*4325 - "1-"*	
249	PRIMTV		431E	000	NUMERIC	
250	PRIMTV		431F	0A2	*fcn. Code: A2:78*	
251	PRIMTV		4320	078	**FCT: "1-"**	
252	PRIMTV		4321	000	*adt to return:*	
253	PRIMTV		4322	000	Main FAT	
254	PRIMTV	*Header*	4323	*0AD*	***"-"***	
255	PRIMTV	*Header*	4324	*031*	***"1"***	
256	PRIMTV	**1-**	**4325**	**0A2**	***<2-Chrs.>***	
257	PRIMTV		4326	043	*Next pointer:*	
258	PRIMTV		4327	02F	*342F - "2+"*	
259	PRIMTV		4328	000	NUMERIC	
260	PRIMTV		4329	0A2	*fcn. Code: A2:79*	
261	PRIMTV		432A	079	**FCT: "2+"**	
262	PRIMTV		432B	000	*adt to return:*	
263	PRIMTV		432C	000	Main FAT	
264	PRIMTV	*Header*	432D	*0AB*	***"+"***	
265	PRIMTV	*Header*	432E	*032*	***"2"***	*"2+"*
266	PRIMTV	**2+**	**432F**	**0A2**	***<2-Chrs.>***	
267	PRIMTV		4330	043	*Next pointer:*	
268	PRIMTV		4331	039	*4339 - "2-"*	
269	PRIMTV		4332	000	NUMERIC	
270	PRIMTV		4333	0A2	*fcn. Code: A2:7A*	
271	PRIMTV		4334	07A	**FCT: "2-"**	
272	PRIMTV		4335	000	*adt to return:*	
273	PRIMTV		4336	000	Main FAT	
274	PRIMTV	*Header*	4337	*0AD*	***"-"***	
275	PRIMTV	*Header*	4338	*032*	***"2"***	*"2-"*

276	PRIMTV	**2-**	**4339**	**0A2**	***<2-Chrs.>***	
277	PRIMTV		433A	043	*Next pointer:*	
278	PRIMTV		433B	043	*4343 - "OR"*	
279	PRIMTV		433C	000	NUMERIC	
280	PRIMTV		433D	0A2	*fcn. Code: A2:7C*	
281	PRIMTV		433E	07C	**FCT: "OR"**	
282	PRIMTV		433F	000	*adt to return:*	
283	PRIMTV		4340	000	Main FAT	
284	PRIMTV	*Header*	4341	*0D2*	***"R"***	
285	PRIMTV	*Header*	4342	*04F*	***"O"***	*"OR"*
286	PRIMTV	**OR**	**4343**	**0A2**	***<2-Chrs.>***	
287	PRIMTV		4344	043	*Next pointer:*	
288	PRIMTV		4345	0C7	*43C7 - "C-{"*	
289	PRIMTV		4346	000	NUMERIC	
290	PRIMTV		4347	0A2	*fcn. Code: A2:51*	
291	PRIMTV		4348	051	**"}-EXP"**	
292	PRIMTV		4349	003	*adt to return:*	
293	PRIMTV		434A	02B	*"p32B"*	
294	PRIMTV	*Header*	434B	*0BE*	***">"***	
295	PRIMTV	*Header*	434C	*04D*	***"M"***	*"MM>"*
296	PRIMTV	*Header*	434D	*04D*	***"M"***	
297	PRIMTV	**MM>**	**434E**	**0A3**	***<3-Chrs.>***	
298	PRIMTV		434F	043	*Next pointer:*	
299	PRIMTV		4350	059	*4359 - ">MM"*	
300	PRIMTV		4351	000	NUMERIC	
301	PRIMTV		4352	0A2	*fcn. Code: A2:51*	
302	PRIMTV		4353	051	**"}-EXP"**	
303	PRIMTV		4354	003	*adt to return:*	
304	PRIMTV		4355	031	*"P331"*	
305	PRIMTV	*Header*	4356	*0CD*	***"M"***	
306	PRIMTV	*Header*	4357	*04D*	***"M"***	*">MM"*
307	PRIMTV	*Header*	4358	*03E*	***">"***	
308	PRIMTV	**>MM**	**4359**	**0A3**	***<3-Chrs.>***	
309	PRIMTV		435A	043	*Next pointer:*	
310	PRIMTV		435B	064	*4364 - "MOD"*	
311	PRIMTV		435C	000	NUMERIC	
312	PRIMTV		435D	0A2	*fcn. Code: A2:6D*	
313	PRIMTV		435E	06D	**FCT: "MOD"**	
314	PRIMTV		435F	000	*adt to return:*	
315	PRIMTV		4360	000	Main FAT	
316	PRIMTV	*Header*	4361	*0C4*	***"D"***	
317	PRIMTV	*Header*	4362	*04F*	***"O"***	*"MOD"*
318	PRIMTV	*Header*	4363	*04D*	***"M"***	
319	PRIMTV	**MOD**	**4364**	**0A3**	***<3-Chrs.>***	
320	PRIMTV		4365	043	*Next pointer:*	
321	PRIMTV		4366	06F	*436F - "ABS"*	
322	PRIMTV		4367	000	NUMERIC	
323	PRIMTV		4368	0A2	*fcn. Code: A2:6F*	
324	PRIMTV		4369	06F	**FCT: "ABS"**	
325	PRIMTV		436A	000	*adt to return:*	
326	PRIMTV		436B	000	Main FAT	
327	PRIMTV	*Header*	436C	*0D3*	***"S"***	
328	PRIMTV	*Header*	436D	*042*	***"B"***	*"ABS"*
329	PRIMTV	*Header*	436E	*041*	***"A"***	
330	PRIMTV	**ABS**	**436F**	**0A3**	***<3-Chrs.>***	
331	PRIMTV		4370	043	*Next pointer:*	
332	PRIMTV		4371	07A	*437A - "AND"*	
333	PRIMTV		4372	000	NUMERIC	
334	PRIMTV		4373	0A2	*fcn. Code: A2:7B*	

335	PRIMTV		4374	07B	**FCT: "AND"**	
336	PRIMTV		4375	000	*adt to return:*	
337	PRIMTV		4376	000	Main FAT	
338	PRIMTV	*Header*	4377	*0C4*	***"D"***	
339	PRIMTV	*Header*	4378	*04E*	***"N"***	*"AND"*
340	PRIMTV	*Header*	4379	*041*	***"A"***	
341	PRIMTV	**AND**	**437A**	**0A3**	***<3-Chrs.>***	
342	PRIMTV		437B	043	*Next pointer:*	
343	PRIMTV		437C	085	*4385 - "NOT"*	
344	PRIMTV		437D	000	NUMERIC	
345	PRIMTV		437E	0A2	*fcn. Code: A2:7D*	
346	PRIMTV		437F	07D	**FCT: "NOT"**	
347	PRIMTV		4380	000	*add to return:*	
348	PRIMTV		4381	000	Main FAT	
349	PRIMTV	*Header*	4382	*0D4*	***"T"***	
350	PRIMTV	*Header*	4383	*04F*	***"O"***	*"NOT"*
351	PRIMTV	*Header*	4384	*04E*	***"N"***	
352	PRIMTV	**NOT**	**4385**	**0A3**	***<3-Chrs.>***	
353	PRIMTV		4386	044	*Next pointer:*	
354	PRIMTV		4387	05F	*445F - "PAD"*	
355	PRIMTV		4388	000	NUMERIC	
356	PRIMTV		4389	0A2	*fcn. Code: A2:6E*	
357	PRIMTV		438A	06E	**FCT: "/MOD"**	
358	PRIMTV		438B	000	*adt to return:*	
359	PRIMTV		438C	000	Main FAT	
360	PRIMTV	*Header*	438D	*0C4*	***"D"***	
361	PRIMTV	*Header*	438E	*04F*	***"O"***	*"/MOD"*
362	PRIMTV	*Header*	438F	*04D*	***"M"***	
363	PRIMTV	*Header*	4390	*02F*	***"/"***	
364	PRIMTV	**/MOD**	**4391**	**0A4**	***<4-Chrs>>***	
365	PRIMTV		4392	043	*Next pointer:*	
366	PRIMTV		4393	0AB	*43AB - "FIND"*	
367	PRIMTV		4394	000	NUMERIC	
368	PRIMTV		4395	0A2	*fcn. Code: A2:7E*	
369	PRIMTV		4396	07E	**FCT: "BRANCH"**	
370	PRIMTV		4397	000	*add to return:*	
371	PRIMTV		4398	000	Main FAT	
372	PRIMTV	*Header*	4399	*0C8*	***"H"***	
373	PRIMTV	*Header*	439A	*043*	***"C"***	
374	PRIMTV	*Header*	439B	*04E*	***"N"***	*"BRANCH"*
375	PRIMTV	*Header*	439C	*041*	***"A"***	
376	PRIMTV	*Header*	439D	*052*	***"R"***	
377	PRIMTV	*Header*	439E	*042*	***"B"***	
378	PRIMTV	**BRANCH**	**439F**	**0A6**	***<6-Chrs.>***	
379	PRIMTV		43A0	043	*Next pointer:*	
380	PRIMTV		43A1	0F0	*43F0 - "CREATE"*	
381	PRIMTV		43A2	000	NUMERIC	
382	PRIMTV		43A3	0A2	*fcn. Code: A2:51*	
383	PRIMTV	***bug??***	43A4	051	**FCT: "}-EXP"**	
384	PRIMTV	**003**	43A5	**005**	*add to return:*	
385	PRIMTV		43A6	08B	*"p58B"*	*same as QUOTES ?*
386	PRIMTV	*Header*	43A7	*0C4*	***"D"***	
387	PRIMTV	*Header*	43A8	*04E*	***"N"***	*"FIND"*
388	PRIMTV	*Header*	43A9	*049*	***"I"***	
389	PRIMTV	*Header*	43AA	*046*	***"F"***	
390	PRIMTV	**FIND**	**43AB**	**0A4**	***<4-Chrs>>***	
391	PRIMTV		43AC	043	*Next pointer:*	
392	PRIMTV		43AD	0E2	*43E2 - "CTRL"*	
393	PRIMTV		43AE	**001**	ALPHA param	

394	PRIMTV		43AF	0A2	*fcn. Code: A2:51*	
395	PRIMTV		43B0	051	**FCT: "}-EXP"**	
396	PRIMTV		43B1	003	*add to return:*	
397	PRIMTV	***bug??***	43B2	08B	*"p38B"*	*same as FIND ?*
398	PRIMTV	*Header*	43B3	0A7	"""	*QUOTES*
399	PRIMTV	**"**	**43B4**	**0A1**	***<1-Chr.>***	
400	PRIMTV		43B5	043	*Next pointer:*	
401	PRIMTV		43B6	0BD	*43BD - ""-{"*	
402	PRIMTV		43B7	000	NUMERIC	
403	PRIMTV		43B8	0A2	*fcn. Code: A2:51*	
404	PRIMTV		43B9	051	**FCT: "}-EXP"**	
405	PRIMTV		43BA	005	*adt to return:*	
406	PRIMTV		43BB	01D	*"p51D"*	
407	PRIMTV	*Header*	43BC	0AC	***"-{"***	*"-{"*
408	PRIMTV	**-{**	**43BD**	**0A1**	***<1-Chr.>***	
409	PRIMTV		43BE	043	*Next pointer:*	
410	PRIMTV		43BF	0F9	*43F9 - "STRBRST"*	
411	PRIMTV		43C0	000	NUMERIC	
412	PRIMTV		43C1	0A2	*fcn. Code: A2:51*	
413	PRIMTV		43C2	051	**FCT: "}-EXP"**	
414	PRIMTV		43C3	005	*adt to return:*	
415	PRIMTV		43C4	019	*"p519"*	
416	PRIMTV	*Header*	43C5	0AC	***"-{"***	
417	PRIMTV	*Header*	43C6	043	**"C"**	*"C-{"*
418	PRIMTV	**C-{**	**43C7**	**0A2**	***<2-Chrs.>***	
419	PRIMTV		43C8	044	*Next pointer:*	
420	PRIMTV		43C9	04A	*444A - "S0"*	
421	PRIMTV		43CA	000	NUMERIC	
422	PRIMTV		43CB	0A2	*fcn. Code: A2:51*	
423	PRIMTV		43CC	051	**FCT: "}-EXP"**	
424	PRIMTV		43CD	003	*adt to return:*	
425	PRIMTV		43CE	09B	*"p39B"*	
426	PRIMTV	*Header*	43CF	*0C5*	***"E"***	
427	PRIMTV	*Header*	43D0	*04C*	***"L"***	
428	PRIMTV	*Header*	43D1	*049*	***"I"***	
429	PRIMTV	*Header*	43D2	*050*	***"P"***	*"COMPILE"*
430	PRIMTV	*Header*	43D3	*04D*	***"M"***	
431	PRIMTV	*Header*	43D4	*04F*	***"O"***	
432	PRIMTV	*Header*	43D5	*043*	***"C"***	
433	PRIMTV	**COMPILE**	**43D6**	**0A7**	***<7-Chrs.>***	
434	PRIMTV		43D7	044	*Next pointer:*	
435	PRIMTV		43D8	031	*4431 - "CONTEXT"*	
436	PRIMTV		43D9	000	NUMERIC	
437	PRIMTV		43DA	0A2	*fcn. Code: A2:51*	
438	PRIMTV		43DB	051	**FCT: "}-EXP"**	
439	PRIMTV		43DC	003	*adt to return:*	
440	PRIMTV		43DD	0AF	*"p3AF"*	
441	PRIMTV	*Header*	43DE	*0CC*	***"L"***	
442	PRIMTV	*Header*	43DF	*052*	***"R"***	*"CTRL"*
443	PRIMTV	*Header*	43E0	*054*	***"T"***	
444	PRIMTV	*Header*	43E1	*043*	***"C"***	
445	PRIMTV	**CTRL**	**43E2**	**0A4**	***<4-Chrs.>***	
446	PRIMTV		43E3	044	*Next pointer:*	
447	PRIMTV		43E4	08C	*448C - "HERE"*	
448	PRIMTV		43E5	000	NUMERIC	
449	PRIMTV		43E6	0A2	*fcn. Code: A2:51*	
450	PRIMTV		43E7	051	**FCT: "}-EXP"**	
451	PRIMTV		43E8	003	*adt to return:*	
452	PRIMTV		43E9	0C7	*"p3C7"*	

453	PRIMTV	*Header*	43EA	*0C5*	***"E"***	
454	PRIMTV	*Header*	43EB	*054*	***"T"***	
455	PRIMTV	*Header*	43EC	*041*	***"A"***	*"CREATE"*
456	PRIMTV	*Header*	43ED	*045*	***"E"***	
457	PRIMTV	*Header*	43EE	*052*	***"R"***	
458	PRIMTV	*Header*	43EF	*043*	***"C"***	
459	PRIMTV	**CREATE**	**43F0**	**0A6**	***<6-Chrs.>***	
460	PRIMTV		43F1	044	*Next pointer:*	
461	PRIMTV		43F2	022	*4422 - "FORGET"*	
462	PRIMTV		43F3	**001**	ALPHA param	
463	PRIMTV		43F4	0A2	*fcn. Code: A2:51*	
464	PRIMTV		43F5	051	**FCT: "}-EXP"**	
465	PRIMTV		43F6	004	*adt to return:*	
466	PRIMTV		43F7	003	*"p403"*	
467	PRIMTV	*Header*	43F8	0BA	*starburst*	
468	PRIMTV	***starburst***	**43F9**	**0A1**	***<1-Chr.>***	
469	PRIMTV		43FA	044	*Next pointer:*	
470	PRIMTV		43FB	002	*4402 - "]"*	
471	PRIMTV		43FC	000	NUMERIC	
472	PRIMTV		43FD	0A2	*fcn. Code: A2:51*	
473	PRIMTV		43FE	051	**FCT: "}-EXP"**	
474	PRIMTV		43FF	004	*adt to return:*	
475	PRIMTV		4400	027	*"p427"*	
476	PRIMTV	*Header*	4401	*0DD*	***"]"***	*"]"*
477	PRIMTV	**]**	**4402**	**0A1**	***<1-Chr.>***	
478	PRIMTV		4403	044	*Next pointer:*	
479	PRIMTV		4404	00B	*440B - "["*	
480	PRIMTV		4405	000	NUMERIC	
481	PRIMTV		4406	0A2	*fcn. Code: A2:4B*	
482	PRIMTV		4407	04B	**FCT: "}-CALL"**	
483	PRIMTV		4408	049	*adt to return:*	
484	PRIMTV		4409	0F2	*[LBRCKT]*	
485	PRIMTV	*Header*	440A	*0DB*	***" ["***	*"["*
486	PRIMTV	**[**	**440B**	**0E1**	***<1-Chr.>***	*immediate word*
487	PRIMTV		440C	044	*Next pointer:*	
488	PRIMTV		440D	014	*4414 - ","*	
489	PRIMTV		440E	000	NUMERIC	
490	PRIMTV		440F	0A2	*fcn. Code: A2:51*	
491	PRIMTV		4410	051	**FCT: "}-EXP"**	
492	PRIMTV		4411	004	*adt to return:*	
493	PRIMTV		4412	02F	*"p42F"*	
494	PRIMTV	*Header*	4413	*0BB*	***","***	*","*
495	PRIMTV	**,**	**4414**	**0E1**	***<1-Chr.>***	*immediate word*
496	PRIMTV		4415	045	*Next pointer:*	
497	PRIMTV		4416	006	*4506 - "0"*	
498	PRIMTV		4417	**001**	ALPHA param	
499	PRIMTV		4418	0A2	*fcn. Code: A2:51*	
500	PRIMTV		4419	051	**FCT: "}-EXP"**	
501	PRIMTV		441A	004	*adt to return:*	
502	PRIMTV		441B	081	*"p481"*	
503	PRIMTV	*Header*	441C	*0D4*	***"T"***	
504	PRIMTV	*Header*	441D	*045*	***"E"***	
505	PRIMTV	*Header*	441E	*047*	***"G"***	*"FORGET"*
506	PRIMTV	*Header*	441F	*052*	***"R"***	
507	PRIMTV	*Header*	4420	*04F*	***"O"***	
508	PRIMTV	*Header*	4421	*046*	***"F"***	
509	PRIMTV	**FORGET**	**4422**	**0A6**	***<6-Chrs.>***	
510	PRIMTV		4423	045	*Next pointer:*	
511	PRIMTV		4424	043	*4543 - "}-STATE"*	

512	PRIMTV		4425	000	NUMERIC	
513	PRIMTV		4426	0A2	*fcn. Code: A2:51*	
514	PRIMTV		4427	051	**FCT: "}-EXP"**	
515	PRIMTV		4428	004	*adt to return:*	
516	PRIMTV		4429	0B3	*"p4B3"*	
517	PRIMTV	*Header*	442A	*0D4*	***"T"***	
518	PRIMTV	*Header*	442B	*058*	***"X"***	
519	PRIMTV	*Header*	442C	*045*	***"E"***	
520	PRIMTV	*Header*	442D	*054*	***"T"***	*"CONTEXT"*
521	PRIMTV	*Header*	442E	*04E*	***"N"***	
522	PRIMTV	*Header*	442F	*04F*	***"O"***	
523	PRIMTV	*Header*	4430	*043*	***"C"***	
524	PRIMTV	**CONTEXT**	**4431**	**0A7**	***<7-Chrs>>***	
525	PRIMTV		4432	044	*Next pointer:*	
526	PRIMTV		4433	040	*4440 - "CURRENT"*	
527	PRIMTV		4434	000	NUMERIC	
528	PRIMTV		4435	0A2	*fcn. Code: A2:51*	
529	PRIMTV		4436	051	**FCT: "}-EXP"**	
530	PRIMTV		4437	004	*adt to return:*	
531	PRIMTV		4438	0B6	*"p4B6"*	
532	PRIMTV	*Header*	4439	*0D4*	***"T"***	
533	PRIMTV	*Header*	443A	*04E*	***"N"***	
534	PRIMTV	*Header*	443B	*045*	***"E"***	
535	PRIMTV	*Header*	443C	*052*	***"R"***	*"CURRENT"*
536	PRIMTV	*Header*	443D	*052*	***"R"***	
537	PRIMTV	*Header*	443E	*055*	***"U"***	
538	PRIMTV	*Header*	443F	*043*	***"C"***	
539	PRIMTV	**CURRENT**	**4440**	**0A7**	***<7-Chrs>>***	
540	PRIMTV		4441	044	*Next pointer:*	
541	PRIMTV		4442	0C1	*44C1 - "DECIMAL"*	
542	PRIMTV		4443	000	NUMERIC	
543	PRIMTV		4444	0A2	*fcn. Code: A2:51*	
544	PRIMTV		4445	051	**FCT: "}-EXP"**	
545	PRIMTV		4446	004	*adt to return:*	
546	PRIMTV		4447	0A4	*"p4A4"*	
547	PRIMTV	*Header*	4448	*0B0*	***"0"***	
548	PRIMTV	*Header*	4449	*053*	***"S"***	*"S0"*
549	PRIMTV	**S0**	**444A**	**0A2**	***<2-Chrs.>***	
550	PRIMTV		444B	044	*Next pointer:*	
551	PRIMTV		444C	054	*4454 - "R0"*	
552	PRIMTV		444D	000	NUMERIC	
553	PRIMTV		444E	0A2	*fcn. Code: A2:51*	
554	PRIMTV		444F	051	**FCT: "}-EXP"**	
555	PRIMTV		4450	004	*adt to return:*	
556	PRIMTV		4451	0A7	*"p4A7"*	
557	PRIMTV	*Header*	4452	*0B0*	***"0"***	
558	PRIMTV	*Header*	4453	*052*	***"R"***	*"R0"*
559	PRIMTV	**R0**	**4454**	**0A2**	***<2-Chrs.>***	
560	PRIMTV		4455	045	*Next pointer:*	
561	PRIMTV		4456	010	*4510 - "D}-"*	
562	PRIMTV		4457	000	NUMERIC	
563	PRIMTV		4458	0A2	*fcn. Code: A2:51*	
564	PRIMTV		4459	051	**FCT: "}-EXP"**	
565	PRIMTV		445A	004	*adt to return:*	
566	PRIMTV		445B	0A1	*"p4A1"*	
567	PRIMTV	*Header*	445C	*0C4*	***"D"***	
568	PRIMTV	*Header*	445D	*041*	***"A"***	*"PAD"*
569	PRIMTV	*Header*	445E	*050*	***"P"***	
570	PRIMTV	**PAD**	**445F**	**0A3**	***<3-Chrs.>***	

571	PRIMTV		4460	044	*Next pointer:*	
572	PRIMTV		4461	06A	*446A - "+IN"*	
573	PRIMTV		4462	000	NUMERIC	
574	PRIMTV		4463	0A2	*fcn. Code: A2:51*	
575	PRIMTV		4464	051	**FCT: "}-EXP"**	
576	PRIMTV		4465	004	*adt to return:*	
577	PRIMTV		4466	0AF	*"p4AF"*	
578	PRIMTV	*Header*	4467	*0CE*	***"N"***	
579	PRIMTV	*Header*	4468	*049*	***"I"***	*"+IN"*
580	PRIMTV	*Header*	4469	*03E*	***"+"***	
581	PRIMTV	**+IN**	**446A**	**0A3**	***<3-Chrs.>***	
582	PRIMTV		446B	044	*Next pointer:*	
583	PRIMTV		446C	075	*4475 - SPP"*	
584	PRIMTV		446D	000	NUMERIC	
585	PRIMTV		446E	0A2	*fcn. Code: A2:51*	
586	PRIMTV		446F	051	**FCT: "}-EXP"**	
587	PRIMTV		4470	004	*adt to return:*	
588	PRIMTV		4471	0AA	*"p4AA"*	
589	PRIMTV	*Header*	4472	*0C0*	***"P"***	
590	PRIMTV	*Header*	4473	*050*	***"P"***	*"SPP"*
591	PRIMTV	*Header*	4474	*053*	***"S"***	
592	PRIMTV	**SPP**	**4475**	**0A3**	***<3-Chrs.>***	
593	PRIMTV		4476	044	*Next pointer:*	
594	PRIMTV		4477	080	*4480 - "RPP"*	
595	PRIMTV		4478	000	NUMERIC	
596	PRIMTV		4479	0A2	*fcn. Code: A2:51*	
597	PRIMTV		447A	051	**FCT: "}-EXP"**	
598	PRIMTV		447B	004	*adt to return:*	
599	PRIMTV		447C	0AD	*"p4AD"*	
600	PRIMTV	*Header*	447D	*0C0*	***"P"***	
601	PRIMTV	*Header*	447E	*050*	***"P"***	*"RPP"*
602	PRIMTV	*Header*	447F	*052*	***"R"***	
603	PRIMTV	**RPP**	**4480**	**0A3**	***<3-Chrs.>***	
604	PRIMTV		4481	044	*Next pointer:*	
605	PRIMTV		4482	0E4	*44E4 - "HEX"*	
606	PRIMTV		4483	000	NUMERIC	
607	PRIMTV		4484	0A2	*fcn. Code: A2:51*	
608	PRIMTV		4485	051	**FCT: "}-EXP"**	
609	PRIMTV		4486	004	*adt to return:*	
610	PRIMTV	***bug??***	4487	09E	*"p49E"*	*same as BEGIN?*
611	PRIMTV	*Header*	4488	*0C5*	***"E"***	
612	PRIMTV	*Header*	4489	*052*	***"R"***	*"HERE"*
613	PRIMTV	*Header*	448A	*045*	***"E"***	
614	PRIMTV	*Header*	448B	*048*	***"H"***	
615	PRIMTV	**HERE**	**448C**	**0A4**	***<4-Chrs.>***	
616	PRIMTV		448D	044	*Next pointer:*	
617	PRIMTV		448E	098	*4498 - "BASE"*	
618	PRIMTV		448F	000	NUMERIC	
619	PRIMTV		4490	0A2	*fcn. Code: A2:51*	
620	PRIMTV		4491	051	**FCT: "}-EXP"**	
621	PRIMTV		4492	004	*adt to return:*	
622	PRIMTV		4493	0B1	*"p4B1"*	
623	PRIMTV	*Header*	4494	*0C5*	***"E"***	
624	PRIMTV	*Header*	4495	*053*	***"S"***	*"BASE"*
625	PRIMTV	*Header*	4496	*041*	***"A"***	
626	PRIMTV	*Header*	4497	*042*	***"B"***	
627	PRIMTV	**BASE**	**4498**	**0A4**	***<4-Chrs.>***	
628	PRIMTV		4499	044	*Next pointer:*	
629	PRIMTV		449A	0CD	*44CD - "EXIT"*	

630	PRIMTV		449B	000	NUMERIC	
631	PRIMTV		449C	0A2	*fcn. Code: A2:51*	
632	PRIMTV		449D	051	**FCT: "}-EXP"**	
633	PRIMTV		449E	004	*adt to return:*	
634	PRIMTV		449F	0D5	*"p4D5"*	
635	PRIMTV	*Header*	44A0	*0CC*	***"L"***	
636	PRIMTV	*Header*	44A1	*041*	***"A"***	
637	PRIMTV	*Header*	44A2	*054*	***"T"***	*"OCTAL"*
638	PRIMTV	*Header*	44A3	*043*	***"C"***	
639	PRIMTV	*Header*	44A4	*04F*	***"O"***	
640	PRIMTV	**OCTAL**	**44A5**	**0A5**	***<5-Chrs.>***	
641	PRIMTV		44A6	044	*Next pointer:*	
642	PRIMTV		44A7	0B2	*44B2 -"ABORT"*	
643	PRIMTV		44A8	000	NUMERIC	
644	PRIMTV		44A9	0A2	*fcn. Code: A2:4B*	
645	PRIMTV		44AA	04B	**FCT: "}-CALL"**	
646	PRIMTV		44AB	040	*adt to return:*	
647	PRIMTV		44AC	012	*[ABORT]*	
648	PRIMTV	*Header*	44AD	*0D4*	***"T"***	
649	PRIMTV	*Header*	44AE	*052*	***"R"***	
650	PRIMTV	*Header*	44AF	*04F*	***"O"***	*"ABORT"*
651	PRIMTV	*Header*	44B0	*042*	***"B"***	
652	PRIMTV	*Header*	44B1	*041*	***"A"***	
653	PRIMTV	**ABORT**	**44B2**	**0A5**	***<5-Chrs.>***	
654	PRIMTV		44B3	044	*Next pointer:*	
655	PRIMTV		44B4	0FD	*44FD - "DOES"*	
656	PRIMTV		44B5	000	NUMERIC	
657	PRIMTV		44B6	0A2	*fcn. Code: A2:51*	
658	PRIMTV		44B7	051	**FCT: "}-EXP"**	
659	PRIMTV		44B8	004	*adt to return:*	
660	PRIMTV		44B9	0D9	*"p4D9"*	
661	PRIMTV	*Header*	44BA	*0CC*	***"L"***	
662	PRIMTV	*Header*	44BB	*041*	***"A"***	
663	PRIMTV	*Header*	44BC	*04D*	***"M"***	
664	PRIMTV	*Header*	44BD	*049*	***"I"***	*"DECIMAL"*
665	PRIMTV	*Header*	44BE	*043*	***"C"***	
666	PRIMTV	*Header*	44BF	*045*	***"E"***	
667	PRIMTV	*Header*	44C0	*044*	***"D"***	
668	PRIMTV	**DECIMAL**	**44C1**	**0A7**	***<7-Chrs>>***	
669	PRIMTV		44C2	045	*Next pointer:*	
670	PRIMTV		44C3	02A	*452A - "DESTROY"*	
671	PRIMTV		44C4	000	NUMERIC	
672	PRIMTV		44C5	0A2	*fcn. Code: A2:51*	
673	PRIMTV		44C6	051	**FCT: "}-EXP"**	
674	PRIMTV		44C7	005	*adt to return:*	
675	PRIMTV		44C8	0BD	*"p5BD"*	
676	PRIMTV	*Header*	44C9	*0D4*	***"T"***	
677	PRIMTV	*Header*	44CA	*049*	***"I"***	*"EXIT"*
678	PRIMTV	*Header*	44CB	*058*	***"X"***	
679	PRIMTV	*Header*	44CC	*045*	***"E"***	
680	PRIMTV	**EXIT**	**44CD**	**0E4**	***<4-Chrs.>, ??***	*immediate word*
681	PRIMTV		44CE	044	*Next pointer:*	
682	PRIMTV		44CF	0D9	*44D9 - "QUIT"*	
683	PRIMTV		44D0	000	NUMERIC	
684	PRIMTV		44D1	0A2	*fcn. Code: A2:4B*	
685	PRIMTV		44D2	04B	**FCT: "}-CALL"**	
686	PRIMTV		44D3	040	*adt to return:*	
687	PRIMTV		44D4	01B	*"401B"*	
688	PRIMTV	*Header*	44D5	*0D4*	***"T"***	

689	PRIMTV	*Header*	44D6	*049*	***"I"***	*"QUIT"*
690	PRIMTV	*Header*	44D7	*055*	***"U"***	
691	PRIMTV	*Header*	44D8	*051*	***"Q"***	
692	PRIMTV	**QUIT**	**44D9**	**0A4**	***<4-Chrs.>***	
693	PRIMTV		44DA	044	*Next pointer:*	
694	PRIMTV		44DB	0F0	*44F0 - "PARM"*	
695	PRIMTV		44DC	000	NUMERIC	
696	PRIMTV		44DD	0A2	*fcn. Code: A2:51*	
697	PRIMTV		44DE	051	**FCT: "}-EXP"**	
698	PRIMTV		44DF	004	*adt to return:*	
699	PRIMTV		44E0	0CE	*"p4CE"*	
700	PRIMTV	*Header*	44E1	*0D8*	***"X"***	
701	PRIMTV	*Header*	44E2	*045*	***"E"***	*"HEX"*
702	PRIMTV	*Header*	44E3	*048*	***"H"***	
703	PRIMTV	**HEX**	**44E4**	**0A3**	***<3-Chrs.>***	
704	PRIMTV		44E5	045	*Next pointer:*	
705	PRIMTV		44E6	01B	*451B - "CD}-"*	
706	PRIMTV		44E7	000	NUMERIC	
707	PRIMTV		44E8	0A2	*fcn. Code: A2:51*	
708	PRIMTV		44E9	051	**FCT: "}-EXP"**	
709	PRIMTV		44EA	004	*adt to return:*	
710	PRIMTV		44EB	0E7	*"p4E7"*	
711	PRIMTV	*Header*	44EC	0CD	***"M"***	
712	PRIMTV	*Header*	44ED	052	***"R"***	*"PARM"*
713	PRIMTV	*Header*	44EE	041	***"A"***	
714	PRIMTV	*Header*	44EF	050	***"P"***	
715	PRIMTV	**PARM**	**44F0**	**0E4**	***<4-Chrs.>***	*immediate word*
716	PRIMTV		44F1	045	*Next pointer:*	
717	PRIMTV		44F2	080	*4580 - "LOOP"*	
718	PRIMTV		44F3	000	NUMERIC	
719	PRIMTV		44F4	0A2	*fcn. Code: A2:51*	
720	PRIMTV		44F5	051	**FCT: "}-EXP"**	
721	PRIMTV		44F6	004	*adt to return:*	
722	PRIMTV		44F7	0F0	*"p4F0"*	
723	PRIMTV	*Header*	44F8	0BE	***">"***	
724	PRIMTV	*Header*	44F9	053	***"S"***	
725	PRIMTV	*Header*	44FA	045	***"E"***	*"DOES>"*
726	PRIMTV	*Header*	44FB	04F	***"O"***	
727	PRIMTV	*Header*	44FC	044	***"D"***	
728	PRIMTV	**DOES>**	**44FD**	**0A5**	***<5-Chrs.>***	
729	PRIMTV		44FE	045	*Next pointer:*	
730	PRIMTV		44FF	050	*4550 - "BEGIN"*	
731	PRIMTV		4500	000	NUMERIC	
732	PRIMTV		4501	0A2	*fcn. Code: A2:51*	
733	PRIMTV		4502	051	**FCT: "}-EXP"**	
734	PRIMTV		4503	005	*adt to return:*	
735	PRIMTV		4504	016	*"p516"*	
736	PRIMTV	*Header*	4505	0B0	***"0"***	*"0"*
737	PRIMTV	**ZERO**	**4506**	**0A1**	***<1-Chr.>***	
738	PRIMTV		4507	045	*Next pointer:*	
739	PRIMTV		4508	089	*4589 - "I"*	
740	PRIMTV		4509	000	NUMERIC	
741	PRIMTV		450A	0A2	*fcn. Code: A2:51*	
742	PRIMTV		450B	051	**FCT: "}-EXP"**	
743	PRIMTV		450C	003	*adt to return:*	
744	PRIMTV		450D	091	*"p391"*	
745	PRIMTV	*Header*	450E	*0AC*	***"}-"***	
746	PRIMTV	*Header*	450F	*044*	***"D"***	*"D}-"*
747	PRIMTV	**D-}**	**4510**	**0A2**	***<2-Chrs.>***	

748	PRIMTV		4511	045	*Next pointer:*	
749	PRIMTV		4512	074	*4574 - "DO"*	
750	PRIMTV		4513	000	NUMERIC	
751	PRIMTV		4514	0A2	*fcn. Code: A2:51*	
752	PRIMTV		4515	051	**FCT: "}-EXP"**	
753	PRIMTV		4516	003	*adt to return:*	
754	PRIMTV		4517	096	*"p396"*	
755	PRIMTV	*Header*	4518	*0AC*	***"}-"***	
756	PRIMTV	*Header*	4519	*044*	***"D"***	*"CD|-"*
757	PRIMTV	*Header*	451A	*043*	***"C"***	
758	PRIMTV	**CD-}**	**451B**	**0A3**	***<3-Chrs.>***	
759	PRIMTV		451C	045	*Next pointer:*	
760	PRIMTV		451D	035	*4535 - "KEY"*	
761	PRIMTV		451E	000	NUMERIC	
762	PRIMTV		451F	0A2	*fcn. Code: A2:51*	
763	PRIMTV		4520	051	**FCT: "}-EXP"**	
764	PRIMTV		4521	005	*adt to return:*	
765	PRIMTV		4522	025	*"p525"*	
766	PRIMTV	*Header*	4523	*0D9*	***"Y"***	
767	PRIMTV	*Header*	4524	*04F*	***"O"***	
768	PRIMTV	*Header*	4525	*052*	***"R"***	
769	PRIMTV	*Header*	4526	*054*	***"T"***	*"DESTROY"*
770	PRIMTV	*Header*	4527	*053*	***"S"***	
771	PRIMTV	*Header*	4528	*045*	***"E"***	
772	PRIMTV	*Header*	4529	*044*	***"D"***	
773	PRIMTV	**DESTROY**	**452A**	**0A7**	***<7-Chrs>>***	
774	PRIMTV		452B	000	*Next pointer:*	
775	PRIMTV		452C	000	*<blank>*	
776	PRIMTV		452D	000	NUMERIC	
777	PRIMTV		452E	0A2	*fcn. Code: A2:51*	
778	PRIMTV		452F	051	**FCT: "}-EXP"**	
779	PRIMTV		4530	005	*adt to return:*	
780	PRIMTV		4531	0C9	*"p5C9"*	
781	PRIMTV	*Header*	4532	*0D9*	***"Y"***	
782	PRIMTV	*Header*	4533	*045*	***"E"***	*"KEY"*
783	PRIMTV	*Header*	4534	*04B*	***"K"***	
784	PRIMTV	**KEY**	**4535**	**0A3**	***<3-Chrs.>***	
785	PRIMTV		4536	046	*Next pointer:*	
786	PRIMTV		4537	07B	*467B - "EDA"*	
787	PRIMTV		4538	000	NUMERIC	
788	PRIMTV		4539	0A2	*fcn. Code: A2:51*	
789	PRIMTV		453A	051	**FCT: "}-EXP"**	
790	PRIMTV		453B	005	*adt to return:*	
791	PRIMTV		453C	02A	*"p52A"*	
792	PRIMTV	*Header*	453D	*0C5*	***"E"***	
793	PRIMTV	*Header*	453E	*054*	***"T"***	
794	PRIMTV	*Header*	453F	*041*	***"A"***	*"}-STATE"*
795	PRIMTV	*Header*	4540	*054*	***"T"***	
796	PRIMTV	*Header*	4541	*053*	***"S"***	
797	PRIMTV	*Header*	4542	*02E*	***"}-"***	
798	PRIMTV	**}-STATE**	**4543**	**0E6**	***<6-Chrs.>, ??***	*immediate word*
799	PRIMTV		4544	046	*Next pointer:*	
800	PRIMTV		4545	018	*4618 - "REPEAT"*	
801	PRIMTV		4546	000	NUMERIC	
802	PRIMTV		4547	0A2	*fcn. Code: A2:51*	
803	PRIMTV		4548	051	**FCT: "}-EXP"**	
804	PRIMTV		4549	004	*adt to return:*	
805	PRIMTV	***bug??***	454A	09E	*"p49E"*	*same as HERE ?*
806	PRIMTV	*Header*	454B	*0CE*	***"N"***	

807	PRIMTV	*Header*	454C	*049*	***"I"***	
808	PRIMTV	*Header*	454D	*047*	***"G"***	*"BEGIN"*
809	PRIMTV	*Header*	454E	*045*	***"E"***	
810	PRIMTV	*Header*	454F	*042*	***"B"***	
811	PRIMTV	**BEGIN**	**4550**	**0E5**	***<5-Chrs.>, ??***	*immediate word*
812	PRIMTV		4551	045	*Next pointer:*	
813	PRIMTV		4552	05D	*455d - "UNTIL"*	
814	PRIMTV		4553	000	NUMERIC	
815	PRIMTV		4554	0A2	*fcn. Code: A2:51*	
816	PRIMTV		4555	051	**FCT: "}-EXP"**	
817	PRIMTV		4556	005	*adt to return:*	
818	PRIMTV		4557	036	*"p536"*	
819	PRIMTV	*Header*	4558	*0CC*	***"L"***	
820	PRIMTV	*Header*	4559	*049*	***"I"***	
821	PRIMTV	*Header*	455A	*054*	***"T"***	*"UNTIL"*
822	PRIMTV	*Header*	455B	*04E*	***"N"***	
823	PRIMTV	*Header*	455C	*055*	***"U"***	
824	PRIMTV	**UNTIL**	**455D**	**0E5**	***<5-Chrs.>, ??***	
825	PRIMTV		455E	045	*Next pointer:*	
826	PRIMTV		455F	06A	*456A - "+LOOP"*	
827	PRIMTV		4560	000	NUMERIC	
828	PRIMTV		4561	0A2	*fcn. Code: A2:51*	
829	PRIMTV		4562	051	**FCT: "}-EXP"**	
830	PRIMTV		4563	005	*adt to return:*	
831	PRIMTV		4564	05E	*"p55E"*	
832	PRIMTV	*Header*	4565	*0D0*	***"P"***	
833	PRIMTV	*Header*	4566	*04F*	***"O"***	
834	PRIMTV	*Header*	4567	*04F*	***"O"***	*"+LOOP"*
835	PRIMTV	*Header*	4568	*04C*	***"L"***	
836	PRIMTV	*Header*	4569	*02B*	***"+"***	
837	PRIMTV	**+LOOP**	**456A**	**0E5**	***<5-Chrs.>, ??***	*immediate word*
838	PRIMTV		456B	045	*Next pointer:*	
839	PRIMTV		456C	0A8	*45A8 - "LEAVE"*	
840	PRIMTV		456D	000	NUMERIC	
841	PRIMTV		456E	0A2	*fcn. Code: A2:51*	
842	PRIMTV		456F	051	**FCT: "}-EXP"**	
843	PRIMTV		4570	005	*adt to return:*	
844	PRIMTV		4571	079	*"p579"*	
845	PRIMTV	*Header*	4572	*0CF*	***"O"***	
846	PRIMTV	*Header*	4573	*044*	***"D"***	*"DO"*
847	PRIMTV	**DO**	**4574**	**0E2**	***<2-Chrs.>, ??***	*immediate word*
848	PRIMTV		4575	045	*Next pointer:*	
849	PRIMTV		4576	0BB	*45BB - "IF"*	
850	PRIMTV		4577	000	NUMERIC	
851	PRIMTV		4578	0A2	*fcn. Code: A2:51*	
852	PRIMTV		4579	051	**FCT: "}-EXP"**	
853	PRIMTV		457A	005	*adt to return:*	
854	PRIMTV		457B	058	*"p558"*	
855	PRIMTV	*Header*	457C	*0D0*	***"P"***	
856	PRIMTV	*Header*	457D	*04F*	***"O"***	*"LOOP"*
857	PRIMTV	*Header*	457E	*04F*	***"O"***	
858	PRIMTV	*Header*	457F	*04C*	***"L"***	
859	PRIMTV	**LOOP**	**4580**	**0E4**	***<4-Chrs.>, ??***	*immediate word*
860	PRIMTV		4581	045	*Next pointer:*	
861	PRIMTV		4582	0D3	*45D3 - "THEN"*	
862	PRIMTV		4583	000	NUMERIC	
863	PRIMTV		4584	0A2	*fcn. Code: A2:51*	
864	PRIMTV		4585	051	**FCT: "}-EXP"**	
865	PRIMTV		4586	005	*adt to return:*	

866	PRIMTV		4587	0AC	"p5AC"	
867	PRIMTV	Header	4588	0C9	**"I"**	"I"
868	PRIMTV	**I**	**4589**	**0A1**	**<1-Chr.>**	
869	PRIMTV		458A	045	Next pointer:	
870	PRIMTV		458B	092	4592 - "J"	
871	PRIMTV		458C	000	NUMERIC	
872	PRIMTV		458D	0A2	fcn. Code: A2:51	
873	PRIMTV		458E	051	**FCT: "}-EXP"**	
874	PRIMTV		458F	005	adt to return:	
875	PRIMTV		4590	0B5	"p5B5"	
876	PRIMTV	Header	4591	0CA	**"J"**	"J"
877	PRIMTV	**J**	**4592**	**0A1**	**<1-Chr.>**	
878	PRIMTV		4593	045	Next pointer:	
879	PRIMTV		4594	09B	459B - "("	
880	PRIMTV		4595	001	ALPHA param	
881	PRIMTV		4596	0A2	fcn. Code: A2:4B	
882	PRIMTV		4597	04B	**FCT: "}-CALL"**	
883	PRIMTV		4598	04A	adt to return:	
884	PRIMTV		4599	096	[NFRPU2]	
885	PRIMTV	Header	459A	0A8	**"("**	"("
886	PRIMTV	**(**	**459B**	**0A1**	**<1-Chr.>**	
887	PRIMTV		459C	045	Next pointer:	
888	PRIMTV		459D	0B1	45B1 - ")"	
889	PRIMTV		459E	000	NUMERIC	
890	PRIMTV		459F	0A2	fcn. Code: A2:51	
891	PRIMTV		45A0	051	**FCT: "}-EXP"**	
892	PRIMTV		45A1	004	adt to return:	
893	PRIMTV		45A2	0C2	"p4C2"	
894	PRIMTV	Header	45A3	0C5	**"E"**	
895	PRIMTV	Header	45A4	056	**"V"**	
896	PRIMTV	Header	45A5	041	**"A"**	"LEAVE"
897	PRIMTV	Header	45A6	045	**"E"**	
898	PRIMTV	Header	45A7	04C	**"L"**	
899	PRIMTV	**LEAVE**	**45A8**	**0A5**	**<5-Chrs.>**	
900	PRIMTV		45A9	045	Next pointer:	
901	PRIMTV		45AA	0F0	45F0 - "ITYPE"	
902	PRIMTV		45AB	000	NUMERIC	
903	PRIMTV		45AC	0A2	fcn. Code: A2:4B	
904	PRIMTV		45AD	04B	**FCT: "}-CALL"**	
905	PRIMTV		45AE	04A	adt to return:	
906	PRIMTV		45AF	096	[NFRPU2]	
907	PRIMTV	Header	45B0	0A9	**")"**	")"
908	PRIMTV	**)**	**45B1**	**0A1**	**<1-Chr.>**	
909	PRIMTV		45B2	000	Next pointer:	
910	PRIMTV		45B3	000	<blank>	
911	PRIMTV		45B4	000	NUMERIC	
912	PRIMTV		45B5	0A2	fcn. Code: A2:51	
913	PRIMTV		45B6	051	**FCT: "}-EXP"**	
914	PRIMTV		45B7	005	adt to return:	
915	PRIMTV	**bug??**	45B8	0D2	"p5D2"	same as WHILE??
916	PRIMTV	Header	45B9	0C6	**"F"**	
917	PRIMTV	Header	45BA	049	**"I"**	"IF"
918	PRIMTV	**IF**	**45BB**	**0E2**	**<2-Chrs.>, ??**	immediate word
919	PRIMTV		45BC	047	Next pointer:	
920	PRIMTV		45BD	024	4724 - "CR"	
921	PRIMTV		45BE	000	NUMERIC	
922	PRIMTV		45BF	0A2	fcn. Code: A2:51	
923	PRIMTV		45C0	051	**FCT: "}-EXP"**	
924	PRIMTV		45C1	005	adt to return:	

925	PRIMTV		45C2	0F6	"p5F6"	
926	PRIMTV	Header	45C3	0C5	"E"	
927	PRIMTV	Header	45C4	053	"S"	"ELSE"
928	PRIMTV	Header	45C5	04C	"L"	
929	PRIMTV	Header	45C6	045	"E"	
930	PRIMTV	ELSE	45C7	0E4	<4-Chrs.>, ??	immediate word
931	PRIMTV		45C8	046	Next pointer:	
932	PRIMTV		45C9	04C	464C - "WORD"	
933	PRIMTV		45CA	000	NUMERIC	
934	PRIMTV		45CB	0A2	fcn. Code: A2:51	
935	PRIMTV		45CC	051	FCT: "}-EXP"	
936	PRIMTV		45CD	005	adt to return:	
937	PRIMTV		45CE	0DC	"p5DC"	
938	PRIMTV	Header	45CF	0CE	"N"	
939	PRIMTV	Header	45D0	045	"E"	"THEN"
940	PRIMTV	Header	45D1	048	"H"	
941	PRIMTV	Header	45D2	054	"T"	
942	PRIMTV	THEN	45D3	0E4	<4-Chrs.>, ??	immediate word
943	PRIMTV		45D4	045	Next pointer:	
944	PRIMTV		45D5	0C7	45C7 - "ELSE"	
945	PRIMTV		45D6	001	ALPHA param	
946	PRIMTV		45D7	0A2	fcn. Code: A2:51	
947	PRIMTV		45D8	051	FCT: "}-EXP"	
948	PRIMTV		45D9	006	adt to return:	
949	PRIMTV		45DA	01C	"p61C"	
950	PRIMTV	Header	45DB	0D4	"T"	
951	PRIMTV	Header	45DC	04E	"N"	
952	PRIMTV	Header	45DD	041	"A"	
953	PRIMTV	Header	45DE	054	"T"	"CONSTANT"
954	PRIMTV	Header	45DF	053	"S"	
955	PRIMTV	Header	45E0	04E	"N"	
956	PRIMTV	Header	45E1	04F	"O"	
957	PRIMTV	Header	45E2	043	"C"	
958	PRIMTV	CONSTANT	45E3	0A8	<8-Chrs.>	
959	PRIMTV		45E4	000	Next pointer:	
960	PRIMTV		45E5	000	<blank>	
961	PRIMTV		45E6	000	NUMERIC	
962	PRIMTV		45E7	0A2	fcn. Code: A2:51	
963	PRIMTV		45E8	051	FCT: "}-EXP"	
964	PRIMTV		45E9	001	adt to return:	
965	PRIMTV		45EA	055	"p155"	
966	PRIMTV	Header	45EB	0C5	"E"	
967	PRIMTV	Header	45EC	050	"P"	
968	PRIMTV	Header	45ED	059	"Y"	"ITYPE"
969	PRIMTV	Header	45EE	054	"T"	
970	PRIMTV	Header	45EF	049	"I"	
971	PRIMTV	ITYPE	45F0	0A5	<5-Chrs.>	
972	PRIMTV		45F1	045	Next pointer:	
973	PRIMTV		45F2	0FD	45FD - "ALLOT"	
974	PRIMTV		45F3	000	NUMERIC	
975	PRIMTV		45F4	0A2	fcn. Code: A2:51	
976	PRIMTV		45F5	051	FCT: "}-EXP"	
977	PRIMTV		45F6	006	adt to return:	
978	PRIMTV		45F7	090	"p690"	
979	PRIMTV	Header	45F8	0D4	"T"	
980	PRIMTV	Header	45F9	04F	"O"	
981	PRIMTV	Header	45FA	04C	"L"	"ALLOT"
982	PRIMTV	Header	45FB	04C	"L"	
983	PRIMTV	Header	45FC	041	"A"	

984	PRIMTV	**ALLOT**	**45FD**	**0A5**	***<5-Chrs.>***		
985	PRIMTV		45FE	046	*Next pointer:*		
986	PRIMTV		45FF	00A	*460A - "WHILE"*		
987	PRIMTV		4600	000	NUMERIC		
988	PRIMTV		4601	0A2	*fcn. Code: A2:51*		
989	PRIMTV		4602	051	**FCT: "}-EXP"**		
990	PRIMTV		4603	005	*adt to return:*		
991	PRIMTV		4604	0D2	*"p5D2"*		
992	PRIMTV	*Header*	4605	*0C5*	***"E"***		
993	PRIMTV	*Header*	4606	*04C*	***"L"***		
994	PRIMTV	*Header*	4607	*049*	***"I"***	*"WHILE"*	
995	PRIMTV	*Header*	4608	*048*	***"H"***		
996	PRIMTV	*Header*	4609	*057*	***"W"***		
997	PRIMTV	**WHILE**	**460A**	**0E5**	***<5-Chrs.>, ??***	*immediate word*	
998	PRIMTV		460B	046	*Next pointer:*		
999	PRIMTV		460C	033	*4633 - "COUNT"*		
1000	PRIMTV		460D	000	NUMERIC		
1001	PRIMTV		460E	0A2	*fcn. Code: A2:51*		
1002	PRIMTV		460F	051	**FCT: "}-EXP"**		
1003	PRIMTV		4610	006	*adt to return:*		
1004	PRIMTV		4611	0A3	*"p6A3"*		
1005	PRIMTV	*Header*	4612	*0D4*	***"T"***		
1006	PRIMTV	*Header*	4613	*041*	***"A"***		
1007	PRIMTV	*Header*	4614	*045*	***"E"***	*"REPEAT"*	
1008	PRIMTV	*Header*	4615	*050*	***"P"***		
1009	PRIMTV	*Header*	4616	*045*	***"E"***		
1010	PRIMTV	*Header*	4617	*052*	***"R"***		
1011	PRIMTV	**REPEAT**	**4618**	**0E6**	***<6-Chrs.>, ??***	*immediate word*	
1012	PRIMTV		4619	046	*Next pointer:*		
1013	PRIMTV		461A	026	*4626 - "AREDIT"*		
1014	PRIMTV		461B	000	NUMERIC		
1015	PRIMTV		461C	0A2	*fcn. Code: A2:55*		
1016	PRIMTV		461D	055	**FCT: "AREDIT"**		
1017	PRIMTV		461E	000	*adt to return:*		
1018	PRIMTV		461F	000	Main FAT		
1019	PRIMTV	*Header*	4620	*0D4*	***"T"***		
1020	PRIMTV	*Header*	4621	*049*	***"I"***		
1021	PRIMTV	*Header*	4622	*044*	***"D"***	*"AREDIT"*	
1022	PRIMTV	*Header*	4623	*045*	***"E"***		
1023	PRIMTV	*Header*	4624	*052*	***"R"***		
1024	PRIMTV	*Header*	4625	*041*	***"A"***		
1025	PRIMTV	**AREDIT**	**4626**	**0A6**	***<6-Chrs.>***		
1026	PRIMTV		4627	046	*Next pointer:*		
1027	PRIMTV		4628	095	*4695 - "CRFILE"*		
1028	PRIMTV		4629	000	NUMERIC		
1029	PRIMTV		462A	0A2	*fcn. Code: A2:51*		
1030	PRIMTV		462B	051	**FCT: "}-EXP"**		
1031	PRIMTV		462C	007	*addr to return:*		
1032	PRIMTV		462D	05C	*"p75C"*		
1033	PRIMTV	*Header*	462E	*0D4*	***"T"***		
1034	PRIMTV	*Header*	462F	*04E*	***"N"***		
1035	PRIMTV	*Header*	4630	*055*	***"U"***	*"COUNT"*	
1036	PRIMTV	*Header*	4631	*04F*	***"O"***		
1037	PRIMTV	*Header*	4632	*043*	***"C"***		
1038	PRIMTV	**COUNT**	**4633**	**0A5**	***<5-Chrs.>***		
1039	PRIMTV		4634	046	*Next pointer:*		
1040	PRIMTV		4635	040	*4640 - "CMOVE"*		
1041	PRIMTV		4636	000	NUMERIC		
1042	PRIMTV		4637	0A2	*fcn. Code: A2:51*		

1043	PRIMTV		4638	051	**FCT: "}-EXP"**	
1044	PRIMTV		4639	007	*addr to return:*	
1045	PRIMTV		463A	06B	*"p76B"*	
1046	PRIMTV	*Header*	463B	*0C5*	***"E"***	
1047	PRIMTV	*Header*	463C	*056*	***"V"***	
1048	PRIMTV	*Header*	463D	*04F*	***"O"***	*"CMOVE"*
1049	PRIMTV	*Header*	463E	*04D*	***"M"***	
1050	PRIMTV	*Header*	463F	*043*	***"C"***	
1051	PRIMTV	**CMOVE**	**4640**	**0A5**	***<5-Chrs.>***	
1052	PRIMTV		4641	046	*Next pointer:*	
1053	PRIMTV		4642	0A2	*46A2 - "LOADF"*	
1054	PRIMTV		4643	000	NUMERIC	
1055	PRIMTV		4644	0A2	*fcn. Code: A2:51*	
1056	PRIMTV		4645	051	**FCT: "}-EXP"**	
1057	PRIMTV		4646	007	*addr to return:*	
1058	PRIMTV		4647	086	*"p786"*	
1059	PRIMTV	*Header*	4648	*0C4*	***"D"***	
1060	PRIMTV	*Header*	4649	*052*	***"R"***	*"WORD"*
1061	PRIMTV	*Header*	464A	*04F*	***"O"***	
1062	PRIMTV	*Header*	464B	*057*	***"W"***	
1063	PRIMTV	**WORD**	**464C**	**0A4**	***<4-Chrs.>***	
1064	PRIMTV		464D	046	*Next pointer:*	
1065	PRIMTV		464E	058	*4658 - "CALL"*	
1066	PRIMTV		464F	**001**	ALPHA param	
1067	PRIMTV		4650	0A2	*fcn. Code: A2:51*	
1068	PRIMTV		4651	051	**FCT: "}-EXP"**	
1069	PRIMTV		4652	008	*addr to return:*	
1070	PRIMTV		4653	0D2	*"p8D2"*	
1071	PRIMTV	*Header*	4654	*0CC*	***"L"***	
1072	PRIMTV	*Header*	4655	*04C*	***"L"***	*"CALL"*
1073	PRIMTV	*Header*	4656	*041*	***"A"***	
1074	PRIMTV	*Header*	4657	*043*	***"C"***	
1075	PRIMTV	**CALL**	**4658**	**0E4**	***<4-Chrs.>, ??***	*immediate word*
1076	PRIMTV		4659	046	*Next pointer:*	
1077	PRIMTV		465A	064	*4664 - "FTOX"*	
1078	PRIMTV		465B	000	NUMERIC	
1079	PRIMTV		465C	0A2	*fcn. Code: A2:46*	
1080	PRIMTV		465D	046	**FCT: "FTOX"**	
1081	PRIMTV		465E	000	*adt to return:*	
1082	PRIMTV		465F	000	Main FAT	
1083	PRIMTV	*Header*	4660	*0D8*	***"X"***	
1084	PRIMTV	*Header*	4661	*04F*	***"O"***	*"FTOX"*
1085	PRIMTV	*Header*	4662	*054*	***"T"***	
1086	PRIMTV	*Header*	4663	*046*	***"F"***	
1087	PRIMTV	**FTOX**	**4664**	**0A4**	***<4-Chrs.>***	
1088	PRIMTV		4665	046	*Next pointer:*	
1089	PRIMTV		4666	070	*4670 - "XTOF"*	
1090	PRIMTV		4667	000	NUMERIC	
1091	PRIMTV		4668	0A2	*fcn. Code: A2:49*	
1092	PRIMTV		4669	049	**FCT: "XTOF"**	
1093	PRIMTV		466A	000	*adt to return:*	
1094	PRIMTV		466B	000	Main FAT	
1095	PRIMTV	*Header*	466C	*0C6*	***"F"***	
1096	PRIMTV	*Header*	466D	*04F*	***"O"***	*"XTOF"*
1097	PRIMTV	*Header*	466E	*054*	***"T"***	
1098	PRIMTV	*Header*	466F	*058*	***"X"***	
1099	PRIMTV	**XTOF**	**4670**	**0A4**	***<4-Chrs.>***	
1100	PRIMTV		4671	046	*Next pointer:*	
1101	PRIMTV		4672	087	*4687 - "GROW"*	

1102	PRIMTV		4673	**001**	ALPHA param	
1103	PRIMTV		4674	0A2	*fcn. Code: A2:51*	
1104	PRIMTV		4675	051	**FCT: "}-EXP"**	
1105	PRIMTV		4676	009	*addr to return:*	
1106	PRIMTV		4677	010	*"p910"*	
1107	PRIMTV	*Header*	4678	*0C1*	***"A"***	
1108	PRIMTV	*Header*	4679	*044*	***"D"***	*"EDA"*
1109	PRIMTV	*Header*	467A	*045*	***"E"***	
1110	PRIMTV	**EDA**	**467B**	**0A3**	***<3-Chrs.>***	
1111	PRIMTV		467C	046	*Next pointer:*	
1112	PRIMTV		467D	0AD	*46AD - "M1+"*	
1113	PRIMTV		467E	000	NUMERIC	
1114	PRIMTV		467F	0A2	*fcn. Code: A2:51*	
1115	PRIMTV		4680	051	**FCT: "}-EXP"**	
1116	PRIMTV		4681	009	*addr to return:*	
1117	PRIMTV		4682	01A	*"p91A"*	
1118	PRIMTV	*Header*	4683	*0D7*	***"W"***	
1119	PRIMTV	*Header*	4684	*04F*	***"O"***	*"GROW"*
1120	PRIMTV	*Header*	4685	*052*	***"R"***	
1121	PRIMTV	*Header*	4686	*047*	***"G"***	
1122	PRIMTV	**GROW**	**4687**	**0A4**	***<4-Chrs.>***	
1123	PRIMTV		4688	046	*Next pointer:*	
1124	PRIMTV		4689	0F4	*46F4 - "FLAG"*	
1125	PRIMTV		468A	000	NUMERIC	
1126	PRIMTV		468B	0A2	*fcn. Code: A2:50*	
1127	PRIMTV		468C	050	**FCT: "}-EXO"**	
1128	PRIMTV	***bug:***	468D	009	*addr to return:*	
1129	PRIMTV	**05F**	468E	**060**	*"p960"*	*should be "060" !*
1130	PRIMTV	*Header*	468F	*0C5*	***"E"***	
1131	PRIMTV	*Header*	4690	*04C*	***"L"***	
1132	PRIMTV	*Header*	4691	*049*	***"I"***	*"CRFILE"*
1133	PRIMTV	*Header*	4692	*046*	***"F"***	
1134	PRIMTV	*Header*	4693	*052*	***"R"***	
1135	PRIMTV	*Header*	4694	*043*	***"C"***	
1136	PRIMTV	**CRFILE**	**4695**	**0A6**	***<6-Chrs.>***	
1137	PRIMTV		4696	000	*Next pointer:*	
1138	PRIMTV		4697	000	*<blank>*	
1139	PRIMTV		4698	**001**	ALPHA param	
1140	PRIMTV		4699	0A2	*fcn. Code: A2:50*	
1141	PRIMTV		469A	050	**FCT: "}-EXO"**	
1142	PRIMTV	***bug:***	469B	009	*addr to return:*	
1143	PRIMTV	**076**	469C	**077**	*"p977"*	*should be "077"*
1144	PRIMTV	*Header*	469D	*0C6*	***"F"***	
1145	PRIMTV	*Header*	469E	*044*	***"D"***	
1146	PRIMTV	*Header*	469F	*041*	***"A"***	*"LOADF"*
1147	PRIMTV	*Header*	46A0	*04F*	***"O"***	
1148	PRIMTV	*Header*	46A1	*04C*	***"L"***	
1149	PRIMTV	**LOADF**	**46A2**	**0A5**	***<5-Chrs>***	
1150	PRIMTV		46A3	046	*Next pointer:*	
1151	PRIMTV		46A4	0DB	*46DB - "SFLAG"*	
1152	PRIMTV		46A5	000	NUMERIC	
1153	PRIMTV		46A6	0A2	*fcn. Code: A2:51*	
1154	PRIMTV		46A7	051	**FCT: "}-EXP"**	
1155	PRIMTV		46A8	00B	*addr to return:*	
1156	PRIMTV		46A9	0B2	*"pBB2"*	
1157	PRIMTV	*Header*	46AA	*0AB*	***"+"***	
1158	PRIMTV	*Header*	46AB	*031*	***"1"***	*"M1+"*
1159	PRIMTV	*Header*	46AC	*04D*	***"M"***	
1160	PRIMTV	**M1+**	**46AD**	**0A3**	***<3-Chrs.>***	

1161	PRIMTV		46AE	046	*Next pointer:*	
1162	PRIMTV		46AF	0B8	*46B8 - "M1-"*	
1163	PRIMTV		46B0	000	NUMERIC	
1164	PRIMTV		46B1	0A2	*fcn. Code: A2:51*	
1165	PRIMTV		46B2	051	**FCT: "}-EXP"**	
1166	PRIMTV		46B3	00B	*addr to return:*	
1167	PRIMTV		46B4	0B9	*"pBB9"*	
1168	PRIMTV	*Header*	46B5	*0AD*	***"-"***	
1169	PRIMTV	*Header*	46B6	*031*	***"1"***	*"M1-"*
1170	PRIMTV	*Header*	46B7	*04D*	***"M"***	
1171	PRIMTV	**M1-**	**46B8**	**0A3**	***<3-Chrs.>***	
1172	PRIMTV		46B9	046	*Next pointer:*	
1173	PRIMTV		46BA	0C3	*46C3 - "M2+"*	
1174	PRIMTV		46BB	000	NUMERIC	
1175	PRIMTV		46BC	0A2	*fcn. Code: A2:51*	
1176	PRIMTV		46BD	051	**FCT: "}-EXP"**	
1177	PRIMTV		46BE	00B	*addr to return:*	
1178	PRIMTV		46BF	0C0	*"pBC0"*	
1179	PRIMTV	*Header*	46C0	*0AB*	***"+"***	
1180	PRIMTV	*Header*	46C1	*032*	***"2"***	*"M2+"*
1181	PRIMTV	*Header*	46C2	*04D*	***"M"***	
1182	PRIMTV	**M2+**	**46C3**	**0A3**	***<3-Chrs.>***	
1183	PRIMTV		46C4	046	*Next pointer:*	
1184	PRIMTV		46C5	0CE	*46CE - "M2-"*	
1185	PRIMTV		46C6	000	NUMERIC	
1186	PRIMTV		46C7	0A2	*fcn. Code: A2:51*	
1187	PRIMTV		46C8	051	**FCT: "}-EXP"**	
1188	PRIMTV		46C9	00B	*addr to return:*	
1189	PRIMTV		46CA	0C7	*"pBC7"*	
1190	PRIMTV	*Header*	46CB	*0AD*	***"-"***	
1191	PRIMTV	*Header*	46CC	*032*	***"2"***	*"M2-"*
1192	PRIMTV	*Header*	46CD	*04D*	***"M"***	
1193	PRIMTV	**M2-**	**46CE**	**0A3**	***<3-Chrs.>***	
1194	PRIMTV		46CF	000	*Next pointer:*	
1195	PRIMTV		46D0	000	*<blank>*	
1196	PRIMTV		46D1	000	NUMERIC	
1197	PRIMTV		46D2	0A2	*fcn. Code: A2:51*	
1198	PRIMTV		46D3	051	**FCT: "}-EXP"**	
1199	PRIMTV		46D4	00B	*addr to return:*	
1200	PRIMTV		46D5	0E2	*"pBE2"*	
1201	PRIMTV	*Header*	46D6	*0C7*	***"G"***	
1202	PRIMTV	*Header*	46D7	*041*	***"A"***	
1203	PRIMTV	*Header*	46D8	*04C*	***"L"***	*"SFLAG"*
1204	PRIMTV	*Header*	46D9	*046*	***"F"***	
1205	PRIMTV	*Header*	46DA	*053*	***"S"***	
1206	PRIMTV	**SFLAG**	**46DB**	**0A5**	***<5-Chrs.>***	
1207	PRIMTV		46DC	046	*Next pointer:*	
1208	PRIMTV		46DD	0E8	*46E8 - "CFLAG"*	
1209	PRIMTV		46DE	000	NUMERIC	
1210	PRIMTV		46DF	0A2	*fcn. Code: A2:51*	
1211	PRIMTV		46E0	051	**FCT: "}-EXP"**	
1212	PRIMTV		46E1	00B	*addr to return:*	
1213	PRIMTV		46E2	0E7	*"pBE7"*	
1214	PRIMTV	*Header*	46E3	*0C7*	***"G"***	
1215	PRIMTV	*Header*	46E4	*041*	***"A"***	
1216	PRIMTV	*Header*	46E5	*04C*	***"L"***	*"CFLAG"*
1217	PRIMTV	*Header*	46E6	*046*	***"F"***	
1218	PRIMTV	*Header*	46E7	*043*	***"C"***	
1219	PRIMTV	**CFLAG**	**46E8**	**0A5**	***<5-Chrs.>***	

1220	PRIMTV		46E9	047	*Next pointer:*	
1221	PRIMTV		46EA	001	*4701 - "ALPHA"*	
1222	PRIMTV		46EB	000	NUMERIC	
1223	PRIMTV		46EC	0A2	*fcn. Code: A2:51*	
1224	PRIMTV		46ED	051	**FCT: "}-EXP"**	
1225	PRIMTV		46EE	00B	*addr to return:*	
1226	PRIMTV		46EF	0EC	*"pBEC"*	
1227	PRIMTV	*Header*	46F0	*0C7*	***"G"***	*"FLAG"*
1228	PRIMTV	*Header*	46F1	*041*	***"A"***	
1229	PRIMTV	*Header*	46F2	*04C*	***"L"***	
1230	PRIMTV	*Header*	46F3	*046*	***"F"***	
1231	PRIMTV	**FLAG**	**46F4**	**0A4**	***<4-Chrs.>***	
1232	PRIMTV		46F5	047	*Next pointer:*	
1233	PRIMTV		46F6	01A	*471A - "BUF0"*	
1234	PRIMTV		46F7	000	NUMERIC	
1235	PRIMTV		46F8	0A2	*fcn. Code: A2:51*	
1236	PRIMTV		46F9	051	**FCT: "}-EXP"**	
1237	PRIMTV		46FA	00B	*addr to return:*	
1238	PRIMTV		46FB	0F7	*"pBF7"*	
1239	PRIMTV	*Header*	46FC	*0C1*	***"A"***	*"ALPHA"*
1240	PRIMTV	*Header*	46FD	*048*	***"H"***	
1241	PRIMTV	*Header*	46FE	*050*	***"P"***	
1242	PRIMTV	*Header*	46FF	*04C*	***"L"***	
1243	PRIMTV	*Header*	4700	*041*	***"A"***	
1244	PRIMTV	**ALPHA**	**4701**	**0A5**	***<5-Chrs.>***	
1245	PRIMTV		4702	047	*Next pointer:*	
1246	PRIMTV		4703	00E	*470E - "CRBUF"*	
1247	PRIMTV		4704	000	NUMERIC	
1248	PRIMTV		4705	0A2	*fcn. Code: A2:51*	
1249	PRIMTV		4706	051	**FCT: "}-EXP"**	
1250	PRIMTV		4707	00C	*addr to return:*	
1251	PRIMTV		4708	0B4	*"pCB4"*	
1252	PRIMTV	*Header*	4709	*0C6*	***"F"***	*"CRBUF"*
1253	PRIMTV	*Header*	470A	*055*	***"U"***	
1254	PRIMTV	*Header*	470B	*042*	***"B"***	
1255	PRIMTV	*Header*	470C	*052*	***"R"***	
1256	PRIMTV	*Header*	470D	*043*	***"C"***	
1257	PRIMTV	**CRBUF**	**470E**	**0A5**	***<5-Chrs.>***	
1258	PRIMTV		470F	000	*Next pointer:*	
1259	PRIMTV		4710	000	*<blank>*	
1260	PRIMTV		4711	000	NUMERIC	
1261	PRIMTV		4712	0A2	*fcn. Code: A2:51*	
1262	PRIMTV		4713	051	**FCT: "}-EXP"**	
1263	PRIMTV		4714	00D	*addr to return:*	
1264	PRIMTV		4715	00C	*"pD0C"*	
1265	PRIMTV	*Header*	4716	*0B0*	***"0"***	*"BUF0"*
1266	PRIMTV	*Header*	4717	*046*	***"F"***	
1267	PRIMTV	*Header*	4718	*055*	***"U"***	
1268	PRIMTV	*Header*	4719	*042*	***"B"***	
1269	PRIMTV	**BUF0**	**471A**	**0A4**	***<4-Chrs.>***	
1270	PRIMTV		471B	000	*Next pointer:*	
1271	PRIMTV		471C	000	*<blank>*	
1272	PRIMTV		471D	000	NUMERIC	
1273	PRIMTV		471E	0A2	*fcn. Code: A2:4B*	
1274	PRIMTV		471F	04B	**FCT: "}-CALL"**	
1275	PRIMTV		4720	049	*addr to return:*	
1276	PRIMTV		4721	0E6	*[EN 49E6]*	
1277	PRIMTV	*Header*	4722	*0D2*	***"R"***	*"CR"*
1278	PRIMTV	*Header*	4723	*043*	***"C"***	

1279	PRIMTV	CR	4724	0A2	<2-Chrs.>
1280	PRIMTV		4725	000	Next pointer:
1281	PRIMTV		4726	000	<blank>
1	<GAP>		4727	000	NOP
2	<GAP>		4728	000	NOP
3	<GAP>		4729	000	NOP
4	<GAP>		472A	000	NOP
5	<GAP>		472B	000	NOP
6	<GAP>		472C	000	NOP
7	<GAP>		472D	000	NOP
8	<GAP>		472E	000	NOP
9	<GAP>		472F	000	NOP
10	<GAP>		4730	000	NOP
11	<GAP>		4731	000	NOP
12	<GAP>		4732	000	NOP
13	<GAP>		4733	000	NOP
14	<GAP>		4734	000	NOP
15	<GAP>		4735	000	NOP
16	<GAP>		4736	000	NOP
17	<GAP>		4737	000	NOP
18	<GAP>		4738	000	NOP
19	<GAP>		4739	000	NOP
20	<GAP>		473A	000	NOP
21	<GAP>		473B	000	NOP
22	<GAP>		473C	000	NOP
23	<GAP>		473D	000	NOP
24	<GAP>		473E	000	NOP
25	<GAP>		473F	000	NOP
26	<GAP>		4740	000	NOP
27	<GAP>		4741	000	NOP
28	<GAP>		4742	000	NOP
29	<GAP>		4743	000	NOP
30	<GAP>		4744	000	NOP
31	<GAP>		4745	000	NOP
32	<GAP>		4746	000	NOP
33	<GAP>		4747	000	NOP
34	<GAP>		4748	000	NOP
35	<GAP>		4749	000	NOP
36	<GAP>		474A	000	NOP
37	<GAP>		474B	000	NOP
38	<GAP>		474C	000	NOP
39	<GAP>		474D	000	NOP
40	<GAP>		474E	000	NOP
41	<GAP>		474F	000	NOP
42	<GAP>		4750	000	NOP
43	<GAP>		4751	000	NOP
44	<GAP>		4752	000	NOP
45	<GAP>		4753	000	NOP
46	<GAP>		4754	000	NOP
47	<GAP>		4755	000	NOP
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49	<GAP>		4757	000	NOP
50	<GAP>		4758	000	NOP
51	<GAP>		4759	000	NOP
52	<GAP>		475A	000	NOP
53	<GAP>		475B	000	NOP
54	<GAP>		475C	000	NOP
55	<GAP>		475D	000	NOP
56	<GAP>		475E	000	NOP

57	*<GAP>*		475F	*000*	*NOP*	
58	*<GAP>*		4760	*000*	*NOP*	
59	*<GAP>*		4761	*000*	*NOP*	
60	*<GAP>*		4762	*000*	*NOP*	
1282	PRIMTV		4763	000	NUMERIC	
1283			4764	0A2	*fcn. Code: A2:51*	
1284	*thread headers section*		4765	051	**FCT: "}EXP"**	
1285			4766	006	*addr to return:*	
1286	PRIMTV	***bug??***	4767	06A	*"p66A"*	
1287	PRIMTV	*Header*	4768	*0D3*	***"S"***	
1288	PRIMTV	*Header*	4769	*04E*	***"N"***	
1289	PRIMTV	*Header*	476A	*04F*	***"O"***	
1290	PRIMTV	*Header*	476B	*049*	***"I"***	
1291	PRIMTV	*Header*	476C	*054*	***"T"***	*"DEFINITIONS"*
1292	PRIMTV	*Header*	476D	*049*	***"I"***	
1293	PRIMTV	*Header*	476E	*04E*	***"N"***	
1294	PRIMTV	*Header*	476F	*049*	***"I"***	
1295	PRIMTV	*Header*	4770	*046*	***"F"***	
1296	PRIMTV	*Header*	4771	*045*	***"E"***	
1297	PRIMTV	*Header*	4772	*044*	***"D"***	
1298	PRIMTV	**DEFINITIONS**	**4773**	**0AB**	***<11-Chrs.>***	
1299	PRIMTV		4774	000	*Next pointer:*	
1300	PRIMTV		4775	000	*<blank>*	
1301	PRIMTV		4776	**001**	ALPHA param	
1302	PRIMTV		4777	0A2	*fcn. Code: A2:51*	
1303	PRIMTV		4778	051	**FCT: "}EXP"**	
1304	PRIMTV		4779	006	*addr to return:*	
1305	PRIMTV		477A	033	*"p633"*	
1306	PRIMTV	*Header*	477B	*0D9*	***"Y"***	
1307	PRIMTV	*Header*	477C	*052*	***"R"***	
1308	PRIMTV	*Header*	477D	*041*	***"A"***	
1309	PRIMTV	*Header*	477E	*04C*	***"L"***	
1310	PRIMTV	*Header*	477F	*055*	***"U"***	*" VOCABULARY"*
1311	PRIMTV	*Header*	4780	*042*	***"B"***	
1312	PRIMTV	*Header*	4781	*041*	***"A"***	
1313	PRIMTV	*Header*	4782	*043*	***"C"***	
1314	PRIMTV	*Header*	4783	*04F*	***"O"***	
1315	PRIMTV	*Header*	4784	*056*	***"V"***	
1316	PRIMTV	**VOCABULARY**	**4785**	**0AA**	***<10-Chrs>***	
1317	PRIMTV		4786	000	*Next pointer:*	
1318	PRIMTV		4787	000	*<blank>*	
1319	PRIMTV		4788	**001**	ALPHA param	
1320	PRIMTV		4789	0A2	*fcn. Code: A2:51*	
1321	PRIMTV		478A	051	**FCT: "}EXP"**	
1322	PRIMTV		478B	006	*addr to return:*	
1323	PRIMTV		478C	009	*"p609"*	
1324	PRIMTV	*Header*	478D	*0C5*	***"E"***	
1325	PRIMTV	*Header*	478E	*04C*	***"L"***	
1326	PRIMTV	*Header*	478F	*042*	***"B"***	
1327	PRIMTV	*Header*	4790	*041*	***"A"***	*"VARIABLE"*
1328	PRIMTV	*Header*	4791	*049*	***"I"***	
1329	PRIMTV	*Header*	4792	*052*	***"R"***	
1330	PRIMTV	*Header*	4793	*041*	***"A"***	
1331	PRIMTV	*Header*	4794	*056*	***"V"***	
1332	PRIMTV	**VARIABLE**	**4795**	**0A8**	***<8-Chrs>>***	
1333	PRIMTV		4796	045	*Next pointer:*	
1334	PRIMTV		4797	0E3	*45E3 - "CONSTANT"*	
1335	PRIMTV		4798	000	NUMERIC	
1336	PRIMTV		4799	0A2	*fcn. Code: A2:51*	

1337	PRIMTV		479A	051	**FCT: "}EXP"**	
1338	PRIMTV		479B	004	*addr to return:*	
1339	PRIMTV		479C	0DD	*"p4DD"*	
1340	PRIMTV	*Header*	479D	*0C5*	***"E"***	
1341	PRIMTV	*Header*	479E	*054*	***"T"***	
1342	PRIMTV	*Header*	479F	*041*	***"A"***	
1343	PRIMTV	*Header*	47A0	*049*	***"I"***	*"IMMEDIATE"*
1344	PRIMTV	*Header*	47A1	*044*	***"D"***	
1345	PRIMTV	*Header*	47A2	*045*	***"E"***	
1346	PRIMTV	*Header*	47A3	*04D*	***"M"***	
1347	PRIMTV	*Header*	47A4	*04D*	***"M"***	
1348	PRIMTV	*Header*	47A5	*049*	***"I"***	
1349	PRIMTV	**IMMEDIATE**	**47A6**	**0E9**	***<9-Chrs.>***	
1350	PRIMTV		47A7	000	*Next pointer:*	
1351	PRIMTV		47A8	000	*<blank>*	
1352	PRIMTV	**NULL**	**47A9**	**0A0**	***<0-Chrs.>***	
1353	PRIMTV		47AA	000	*Next pointer:*	
1354	PRIMTV		47AB	000	*<blank>*	
1355	PRIMTV		47AC	000	NUMERIC	
1356	PRIMTV		47AD	0A2	*fcn. Code: A2:7F*	
1357	PRIMTV		47AE	07F	**FCT: "0BRANC"**	
1358	PRIMTV		47AF	000	*addr to return:*	
1359	PRIMTV		47B0	000	Main FAT	
1360	PRIMTV	*Header*	47B1	*0C8*	***"H"***	
1361	PRIMTV	*Header*	47B2	*043*	***"C"***	
1362	PRIMTV	*Header*	47B3	*04E*	***"N"***	*"0BRANCH"*
1363	PRIMTV	*Header*	47B4	*041*	***"A"***	
1364	PRIMTV	*Header*	47B5	*052*	***"R"***	
1365	PRIMTV	*Header*	47B6	*042*	***"B"***	
1366	PRIMTV	*Header*	47B7	030	***"0"***	
1367	PRIMTV	**0BRANCH**	**47B8**	**0A7**	***<7-Chrs.>***	
1368	PRIMTV		47B9	043	*Next pointer:*	
1369	PRIMTV		47BA	0D6	*43D6 - "COMPILE"*	
1370	PRIMTV		47BB	000	NUMERIC	
1371	PRIMTV		47BC	0A2	*fcn. Code: A2:70*	
1372	PRIMTV		47BD	070	**FCT: "NEGATE"**	
1373	PRIMTV		47BE	000	*addr to return:*	
1374	PRIMTV		47BF	000	Main FAT	
1375	PRIMTV	*Header*	47C0	*0C5*	***"E"***	
1376	PRIMTV	*Header*	47C1	*054*	***"T"***	
1377	PRIMTV	*Header*	47C2	*041*	***"A"***	*"NEGATE"*
1378	PRIMTV	*Header*	47C3	*047*	***"G"***	
1379	PRIMTV	*Header*	47C4	*045*	***"E"***	
1380	PRIMTV	*Header*	47C5	*04E*	***"N"***	
1381	PRIMTV	**NEGATE**	**47C6**	**0A6**	***<6-Chrs.>***	
1382	PRIMTV		47C7	043	*Next pointer:*	
1383	PRIMTV		47C8	09F	*439F - "BRANCH"*	
1384	PRIMTV		47C9	000	NUMERIC	
1385	PRIMTV		47CA	0A2	*fcn. Code: A2:51*	
1386	PRIMTV		47CB	051	**FCT: "}EXP"**	
1387	PRIMTV		47CC	001	*addr to return:*	
1388	PRIMTV		47CD	0D5	*"p1D5"*	
1389	PRIMTV	*Header*	47CE	*0C5*	***"E"***	
1390	PRIMTV	*Header*	47CF	*043*	***"C"***	
1391	PRIMTV	*Header*	47D0	*041*	***"A"***	*"SPACE"*
1392	PRIMTV	*Header*	47D1	*050*	***"P"***	
1393	PRIMTV	*Header*	47D2	*053*	***"S"***	
1394	PRIMTV	**SPACE**	**47D3**	**0A5**	***<5-Chrs.>***	
1395	PRIMTV		47D4	044	*Next pointer:*	

1396	PRIMTV		47D5	0A5	44A5 - "OCTAL"	
1397	PRIMTV		47D6	000	NUMERIC	
1398	PRIMTV		47D7	0A2	*fcn. Code: A2:51*	
1399	PRIMTV		47D8	051	**FCT: "}EXP"**	
1400	PRIMTV		47D9	001	*addr to return:*	
1401	PRIMTV		47DA	09B	"p19B"	
1402	PRIMTV	*Header*	47DB	*0C5*	***"E"***	
1403	PRIMTV	*Header*	47DC	*059*	***"Y"***	*"BYE"*
1404	PRIMTV	*Header*	47DD	*042*	***"B"***	
1405	PRIMTV	**BYE**	**47DE**	**0A3**	***<3-Chrs.>***	
1406	PRIMTV		47DF	042	*Next pointer:*	
1407	PRIMTV		47E0	02E	422E - "DUP"	
1408	PRIMTV		47E1	000	NUMERIC	
1409	PRIMTV		47E2	0A2	*fcn. Code: A2:67*	
1410	PRIMTV		47E3	067	**FCT: "#"**	
1411	PRIMTV		47E4	000	*addr to return:*	
1412	PRIMTV		47E5	000	Main FAT	
1413	PRIMTV	*Header*	47E6	*0A3*	***"#"***	*"#"*
1414	PRIMTV	**#**	**47E7**	**0A1**	***<1-Chr.>***	
1415	PRIMTV		47E8	04F	*Next pointer:*	
1416	PRIMTV		47E9	0E8	4FE8 - "}-"	
1417	PRIMTV		47EA	000	CLEAR	
1418	PRIMTV		47EB	0A2	*fcn. Code: A2:51*	
1419	PRIMTV		47EC	051	**FCT: "}EXP"**	
1420	PRIMTV		47ED	001	*addr to return:*	
1421	PRIMTV		47EE	05F	"p15F"	
1422	PRIMTV	*Header*	47EF	*0A3*	***"#"***	
1423	PRIMTV	*Header*	47F0	*03C*	***"<"***	*"<#"*
1424	PRIMTV	**<#**	**47F1**	**0A2**	***<2-Chrs.>***	
1425	PRIMTV		47F2	04F	*Next pointer:*	
1426	PRIMTV		47F3	0D5	4FD5 - "#S"	
1427	PRIMTV		47F4	000	NUMERIC	
1428	PRIMTV		47F5	0A2	*fcn. Code: A2:65*	
1429	PRIMTV		47F6	065	**FCT: "EMIT"**	
1430	PRIMTV		47F7	000	*addr to return:*	
1431	PRIMTV		47F8	000	Main FAT	
1432	PRIMTV	*Header*	47F9	*0D4*	***"T"***	
1433	PRIMTV	*Header*	47FA	*049*	***"I"***	*"EMIT"*
1434	PRIMTV	*Header*	47FB	*04D*	***"M"***	
1435	PRIMTV	*Header*	47FC	*045*	***"E"***	
1436	PRIMTV	**EMIT**	**47FD**	**0A4**	***<4-Chrs.>***	
1437	PRIMTV		47FE	04F	*Next pointer:*	
1438	PRIMTV		47FF	0B3	4FB3 - "TYPE"	
1	CLRBUF	**CLRBUF**	**4800**	**046**	**C=0 S&X**	
2	CLRBUF		4801	270	RAMSLCT	
3	CLRBUF		4802	378	READ 13(c)	
4	CLRBUF		4803	0E6	B<>C S&X	*saves .END. location in B[S&X*
5	CLRBUF		4804	130	LDI S&X	
6	CLRBUF		4805	0BF	CON:	*bottom of memory*
7	CLRBUF		4806	106	A=C S&X	
8	CLRBUF	LB_4807	4807	166	A=A+1 S&X	next register
9	CLRBUF		4808	326	?A<B S&X	reached the .END.?
10	CLRBUF		4809	3A0	?NC RTN	yes, return
11	CLRBUF		480A	0A6	A<>C S&X	no, swap
12	CLRBUF		480B	106	A=C S&X	keep it in A
13	CLRBUF		480C	270	RAMSLCT	select register
14	CLRBUF		480D	038	READATA	read its contents
15	CLRBUF		480E	23E	C=C+1 MS	is if Key assign?
16	CLRBUF		480F	***3C7***	***JC -08***	yes, loop back -> LB_4807

17	CLRBUF	LB_4810	4810	0A6	A<>C S&X	get address to C
18	CLRBUF		4811	106	A=C S&X	keep in A
19	CLRBUF		4812	270	RAMSLCT	select register
20	CLRBUF		4813	04E	C=0 ALL	clear header
21	CLRBUF		4814	2F0	WRITDATA	brand it!
22	CLRBUF		4815	166	A=A+1 S&X	next address
23	CLRBUF	**EN_4816**	**4816**	**326**	**?A<B S&X**	reached the .END.?
24	CLRBUF		4817	*3CF*	*JC -07*	no, loop back -> LB_4810
25	CLRBUF		4818	3E0	RTN	
1		**LB_4819**	**4819**	*075*	*?NC XQ*	
2			481A	*120*	*->481D*	*[LB_481D]*
3			481B	*009*	*?NC GO*	*Packing - Try Again Error*
4			481C	*082*	*->2002*	*[PACKE]*
1		**EN_481D**	**481D**	*25D*	*?NC XQ*	*Load status set0*
2			481E	*01C*	*->0797*	*[LDSST0]*
3			481F	0BC	RCR 5	*rotate to group 32-35*
4			4820	358	ST=C XP	*copy to status*
5	*clears user flag 35*		4821	384	CLRF 0	*clear status bit*
6	*disable auto-start*		4822	398	C=ST XP	*update C*
7			4823	27C	RCR 9	*rotate to default*
8			4824	3A8	WRIT 14(d)	*update user flags*
9			4825	*1F9*	*?NC XQ*	*Set message flag*
10			4826	*00C*	*->037E*	*[STMSGF]*
11			4827	284	CLRF 7	
12			4828	358	ST=C XP	
13			4829	*211*	*?NC XQ*	
14			482A	*00C*	*->0384*	*[RSTSEQ]*
15			482B	*115*	*?NC GO*	
16			482C	*04E*	*->1345*	*[AOFF]*
1	*<GAP>*		482D	*000*	*NOP*	
2	*<GAP>*		482E	*000*	*NOP*	
1		**EN_482F**	**482F**	**046**	**C=0 S&X**	
2			4830	270	RAMSLCT	
3			4831	*345*	*?NC XQ*	
4			4832	*040*	*->10D1*	*[CLA]*
5		**EN_4833**	**4833**	*13D*	*?NC XQ*	*Select FORTH buffer*
6			4834	*120*	*->484F*	*[SLCFORTH]*
7			4835	0F8	READ 3(X)	
8			4836	01C	PT= 3	
9			4837	07C	RCR 4	
10			4838	10A	A=C PT<-	
11			4839	0FC	RCR 10	
12			483A	0AA	A<>C PT<-	
13			483B	10A	A=C PT<-	
14			483C	19C	PT= 11	
15			483D	290	LD@PT- A	
16			483E	010	LD@PT- 0	
17			483F	390	LD@PT- E	
18			4840	350	LD@PT- D	
19			4841	0E8	WRIT 3(X)	
20			4842	01C	PT= 3	
21			4843	184	CLRF 11	
22			4844	3E0	RTN	
1	???	LB_4845	4845	046	C=0 S&X	
2	???		4846	*08D*	*?NC XQ*	
3	???		4847	*08C*	*->2323*	*[PTBYTA]*
4	???		4848	*359*	*?NC XQ*	
5	???		4849	*0A4*	*->29D6*	*[INCADA]*
6	???		484A	198	C=M ALL	

7	???		484B	36A	?A#C PT<-	
8	???		484C	*3CF*	*JC -07*	*LB_4845*
9		**LB_484D**	**484D**	**046**	**C=0 S&X**	
10			484E	3F0	PRPHSLCT	select RAM
11		**SLCFORTH**	**484F**	130	LDI S&X	
12			4850	0D0	CON:	*FORTH buffer start*
13			4851	270	RAMSLCT	select register
14			4852	3E0	RTN	
1		**LB_4853**	**4853**	**10C**	**?FSET 8**	
2			4854	360	?C RTN	
3			4855	*001*	*?NC XQ*	*Clear Buffer content*
4			4856	*120*	*->4800*	*[CLRBUF]*
5			4857	046	C=0 S&X	
6			4858	270	RAMSLCT	
7			4859	378	READ 13(c)	
8			485A	106	A=C S&X	
9			485B	130	LDI S&X	
10			485C	110	CON:	
11			485D	306	?A<C S&X	
12			485E	*065*	*?C GO*	
13			485F	*123*	*->4819*	*[LB_4819]*
14			4860	130	LDI S&X	
15			4861	0D0	CON:	
16			4862	246	C=A-C S&X	
17		**EN_4863**	**4863**	**006**	**A=0 S&X**	
18			4864	1A6	A=A-1 S&X	
19			4865	016	A=0 XS	
20			4866	306	?A<C S&X	
21			4867	*013*	*JNC +02*	*LB_4869*
22			4868	0A6	A<>C S&X	
23		LB_4869	4869	158	M=C ALL	
24			486A	130	LDI S&X	
25			486B	0BF	CON:	
26			486C	106	A=C S&X	
27		LB_486D	486D	166	A=A+1 S&X	
28			486E	0A6	A<>C S&X	
29			486F	106	A=C S&X	
30			4870	270	RAMSLCT	
31			4871	038	READATA	
32			4872	23E	C=C+1 MS	
33			4873	*3D7*	*JC -06*	*LB_486D*
34			4874	130	LDI S&X	
35			4875	0D0	CON:	
36			4876	306	?A<C S&X	
37			4877	*065*	*?NC GO*	
38			4878	*122*	*->4819*	*[LB_4819]*
39			4879	198	C=M ALL	
40			487A	23C	RCR 2	
41			487B	130	LDI S&X	
42			487C	0DD	CON:	
43			487D	23C	RCR 2	
44			487E	2F0	WRITDATA	
45			487F	198	C=M ALL	
46			4880	206	C=C+A S&X	
47			4881	266	C=C-1 S&X	
48			4882	270	RAMSLCT	
49			4883	04E	C=0 ALL	
50			4884	2AE	C=-C-1 ALL	
51			4885	2F0	WRITDATA	

52	4886	*13D*	*?NC XQ*	*Select FORTH buffer*
53	4887	*120*	*->484F*	*[SLCFORTH]*
54	4888	2DC	PT= 13	
55	4889	04E	C=0 ALL	
56	488A	2D0	LD@PT- B	
57	488B	390	LD@PT- E	
58	488C	028	WRIT 0(T)	
59	488D	2DC	PT= 13	
60	488E	04E	C=0 ALL	
61	488F	310	LD@PT- C	
62	4890	29C	PT= 7	
63	4891	210	LD@PT- 8	
64	4892	010	LD@PT- 0	
65	4893	390	LD@PT- E	
66	4894	350	LD@PT- D	
67	4895	210	LD@PT- 8	
68	4896	010	LD@PT- 0	
69	4897	350	LD@PT- D	
70	4898	2D0	LD@PT- B	
71	4899	068	WRIT 1(Z)	
72	489A	05E	C=0 MS	
73	489B	37C	RCR 12	
74	489C	2DC	PT= 13	
75	489D	090	LD@PT- 2	
76	489E	050	LD@PT- 1	
77	489F	010	LD@PT- 0	
78	48A0	250	LD@PT- 9	
79	48A1	0A8	WRIT 2(Y)	
80	48A2	2DC	PT= 13	
81	48A3	350	LD@PT- D	
82	48A4	010	LD@PT- 0	
83	48A5	290	LD@PT- A	
84	48A6	010	LD@PT- 0	
85	48A7	390	LD@PT- E	
86	48A8	350	LD@PT- D	
87	48A9	290	LD@PT- A	
88	48AA	010	LD@PT- 0	
89	48AB	3D0	LD@PT- F	
90	48AC	3D0	LD@PT- F	
91	48AD	290	LD@PT- A	
92	48AE	130	LDI S&X	
93	48AF	0FF	CON:	
94	48B0	0E8	WRIT 3(X)	
95	48B1	04E	C=0 ALL	
96	48B2	128	WRIT 4(L)	
97	48B3	1E8	WRIT 7(O)	
98	48B4	228	WRIT 8(P)	
99	48B5	268	WRIT 9(Q)	
100	48B6	19C	PT= 11	
101	48B7	210	LD@PT- 8	
102	48B8	050	LD@PT- 1	
103	48B9	010	LD@PT- 0	
104	48BA	2D0	LD@PT- B	
105	48BB	210	LD@PT- 8	
106	48BC	050	LD@PT- 1	
107	48BD	010	LD@PT- 0	
108	48BE	2D0	LD@PT- B	
109	48BF	130	LDI S&X	
110	48C0	010	CON:	

111		48C1	168	WRIT 5(M)	
112		48C2	108	SETF 8	
113		48C3	*095*	*?NC XQ*	*Initialize Buffer*
114		48C4	*124*	*->4925*	*[CALCON]*
115		48C5	0FC	RCR 10	
116		48C6	056	C=0 XS	
117		48C7	206	C=C+A S&X	
118		48C8	266	C=C-1 S&X	
119		48C9	266	C=C-1 S&X	
120		48CA	05A	C=0 M	
121		48CB	042	C=0 @PT	
122		48CC	0EE	B<>C ALL	
123		48CD	0CE	C=B ALL	
124		48CE	07C	RCR 4	
125		48CF	0C6	C=B S&X	
126		48D0	07C	RCR 4	
127		48D1	09C	PT= 5	
128		48D2	190	LD@PT- 6	
129		48D3	050	LD@PT- 1	
130		48D4	010	LD@PT- 0	
131		48D5	310	LD@PT- C	
132		48D6	010	LD@PT- 0	
133		48D7	050	LD@PT- 1	
134		48D8	1A8	WRIT 6(N)	
135		48D9	078	READ 1(Z)	
136		48DA	37C	RCR 12	
137		48DB	31C	PT= 1	
138		48DC	0AA	A<>C PT<-	
139		48DD	23C	RCR 2	
140		48DE	068	WRIT 1(Z)	
141		48DF	130	LDI S&X	
142		48E0	100	CON:	
143		48E1	270	RAMSLCT	
144		48E2	04E	C=0 ALL	
145		48E3	2DC	PT= 13	
146		48E4	130	LDI S&X	
147		48E5	0A0	CON:	
148		48E6	328	WRIT 12(b)	
149		48E7	046	C=0 S&X	
150		48E8	150	LD@PT- 5	
151		48E9	090	LD@PT- 2	
152		48EA	110	LD@PT- 4	
153		48EB	3D0	LD@PT- F	
154		48EC	110	LD@PT- 4	
155		48ED	190	LD@PT- 6	
156		48EE	390	LD@PT- E	
157		48EF	150	LD@PT- 5	
158		48F0	268	WRIT 9(Q)	
159		48F1	010	LD@PT- 0	
160		48F2	2D0	LD@PT- B	
161		48F3	310	LD@PT- C	
162	**EN_48F4**	**48F4**	**210**	**LD@PT- 8**	
163		48F5	150	LD@PT- 5	
164		48F6	110	LD@PT- 4	
165		48F7	010	LD@PT- 0	
166		48F8	010	LD@PT- 0	
167		48F9	290	LD@PT- A	
168		48FA	090	LD@PT- 2	
169		48FB	110	LD@PT- 4	

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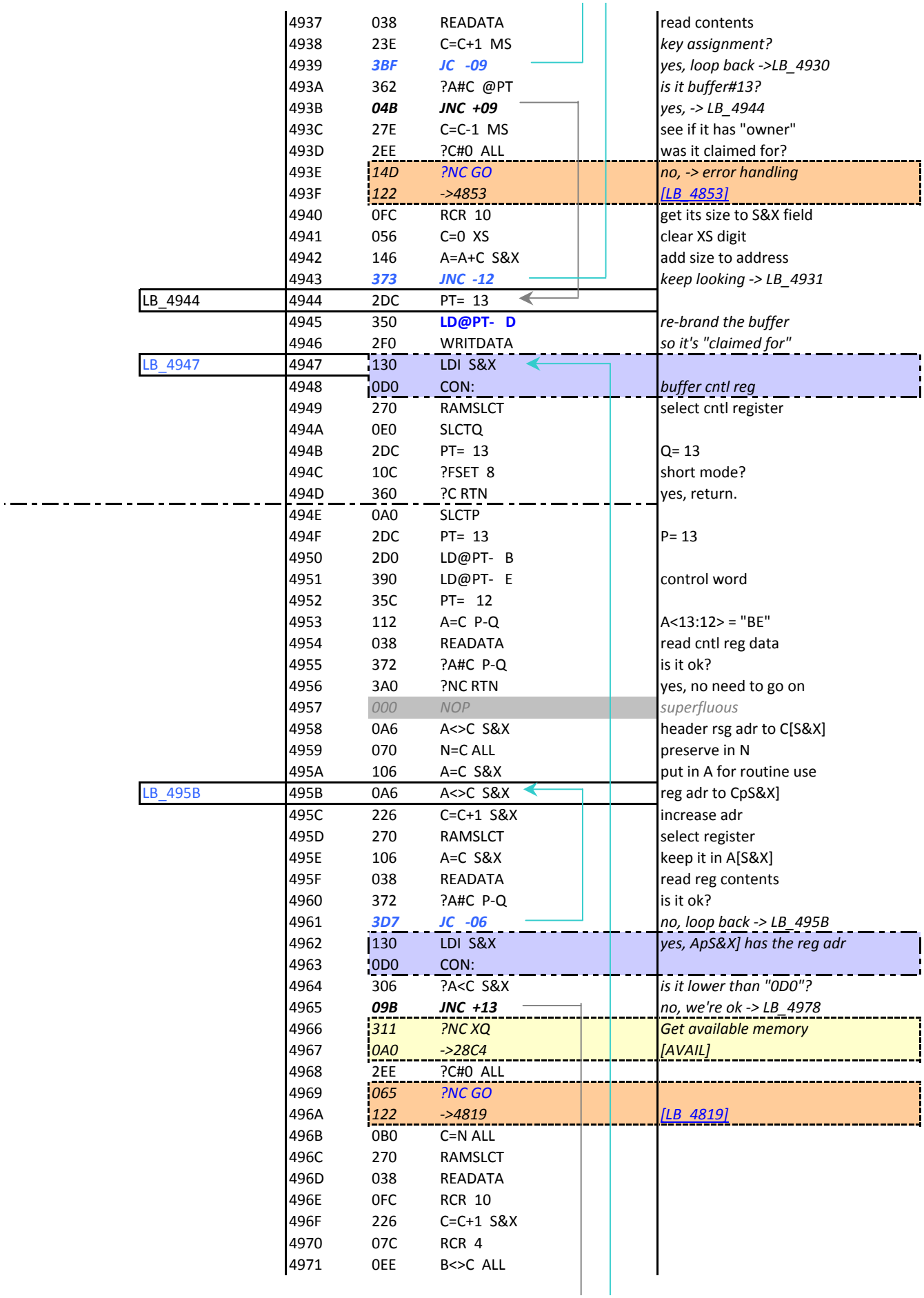
170                          48FC  390  LD@PT- E
171                          48FD  210  LD@PT- 8
172                          48FE  050  LD@PT- 1
173                          48FF  2A8  WRIT 10(+)
174                          4900  150  LD@PT- 5
175                          4901  050  LD@PT- 1
176                          4902  010  LD@PT- 0
177                          4903  050  LD@PT- 1
178                          4904  0D0  LD@PT- 3
179                          4905  250  LD@PT- 9
180                          4906  210  LD@PT- 8
181                          4907  050  LD@PT- 1
182                          4908  190  LD@PT- 6
183                          4909  050  LD@PT- 1
184                          490A  010  LD@PT- 0
185                          490B  250  LD@PT- 9
186                          490C  290  LD@PT- A
187                          490D  090  LD@PT- 2
188                          490E  2E8  WRIT 11(a)
189 LB_490F                  490F  046  C=0 S&X
190                          4910  270  RAMSLCT
191                          4911  338  READ 12(b)
192                          4912  01C  PT= 3
193                          4913  10A  A=C PT<-
194                          4914  0CC  ?FSET 10
195                          4915  03B  JNC +07          LB_491C
196                          4916  1E2  C=C+C @PT
197                          4917  02F  JC +05           LB_491C
198                          4918  378  READ 13(c)
199                          4919  0D0  LD@PT- 3
200                          491A  01C  PT= 3
201                          491B  10A  A=C PT<-
202 LB_491C                  491C  130  LDI S&X
203                          491D  0D0  CON:
204                          491E  270  RAMSLCT
205                          491F  078  READ 1(Z)
206                          4920  13C  RCR 8
207                          4921  0AA  A<>C PT<-
208                          4922  17C  RCR 6
209                          4923  068  WRIT 1(Z)
210                          4924  3E0  RTN
-----------------------------------------------------------------------------
1  CALCON                    4925  149  ?NC XQ
2                            4926  024  ->0952            [ENCP00]
3                            4927  378  READ 13(c)
4                            4928  0E6  B<>C S&X          .END. Location to B[S&X]
5                            4929  04E  C=0 ALL
6                            492A  35C  PT= 12
7                            492B  350  LD@PT- D          buffer id#
8                            492C  35C  PT= 12
9                            492D  130  LDI S&X
10                           492E  0BF  CON:              bottom of memory
11                           492F  10E  A=C ALL
12 LB_4930                   4930  166  A=A+1 S&X         next register
13 LB_4931                   4931  326  ?A<B S&X          reached the .END.?
14                           4932  065  ?NC GO            yes, -> error handling
15                           4933  122  ->4819            [LB_4819]
16                           4934  0A6  A<>C S&X          put addr to C[S&X]
17                           4935  106  A=C S&X           keeping it in A[S&X]
18                           4936  270  RAMSLCT           select register
```



19		4937	038	READATA	read contents
20		4938	23E	C=C+1 MS	*key assignment?*
21		4939	***3BF***	***JC -09***	*yes, loop back ->LB_4930*
22		493A	362	?A#C @PT	*is it buffer#13?*
23		493B	***04B***	***JNC +09***	*yes, -> LB_4944*
24		493C	27E	C=C-1 MS	see if it has "owner"
25		493D	2EE	?C#0 ALL	was it claimed for?
26		493E	*14D*	*?NC GO*	*no, -> error handling*
27		493F	*122*	*->4853*	*[LB_4853]*
28		4940	0FC	RCR 10	get its size to S&X field
29		4941	056	C=0 XS	clear XS digit
30		4942	146	A=A+C S&X	add size to address
31		4943	***373***	***JNC -12***	*keep looking -> LB_4931*
32	LB_4944	4944	2DC	PT= 13	
33		4945	350	**LD@PT- D**	*re-brand the buffer*
34		4946	2F0	WRITDATA	*so it's "claimed for"*
35	LB_4947	4947	130	LDI S&X	
36		4948	0D0	CON:	*buffer cntl reg*
37		4949	270	RAMSLCT	select cntl register
38		494A	0E0	SLCTQ	
39		494B	2DC	PT= 13	Q= 13
40		494C	10C	?FSET 8	short mode?
41		494D	360	?C RTN	yes, return.
42		494E	0A0	SLCTP	
43		494F	2DC	PT= 13	P= 13
44		4950	2D0	LD@PT- B	
45		4951	390	LD@PT- E	control word
46		4952	35C	PT= 12	
47		4953	112	A=C P-Q	A<13:12> = "BE"
48		4954	038	READATA	read cntl reg data
49		4955	372	?A#C P-Q	is it ok?
50		4956	3A0	?NC RTN	yes, no need to go on
51		4957	*000*	*NOP*	*superfluous*
52		4958	0A6	A<>C S&X	header rsg adr to C[S&X]
53		4959	070	N=C ALL	preserve in N
54		495A	106	A=C S&X	put in A for routine use
55	LB_495B	495B	0A6	A<>C S&X	reg adr to CpS&X]
56		495C	226	C=C+1 S&X	increase adr
57		495D	270	RAMSLCT	select register
58		495E	106	A=C S&X	keep it in A[S&X]
59		495F	038	READATA	read reg contents
60		4960	372	?A#C P-Q	is it ok?
61		4961	***3D7***	***JC -06***	*no, loop back -> LB_495B*
62		4962	130	LDI S&X	*yes, ApS&X] has the reg adr*
63		4963	0D0	CON:	
64		4964	306	?A<C S&X	*is it lower than "0D0"?*
65		4965	***09B***	***JNC +13***	*no, we're ok -> LB_4978*
66		4966	*311*	*?NC XQ*	*Get available memory*
67		4967	*0A0*	*->28C4*	*[AVAIL]*
68		4968	2EE	?C#0 ALL	
69		4969	*065*	*?NC GO*	
70		496A	*122*	*->4819*	*[LB_4819]*
71		496B	0B0	C=N ALL	
72		496C	270	RAMSLCT	
73		496D	038	READATA	
74		496E	0FC	RCR 10	
75		496F	226	C=C+1 S&X	
76		4970	07C	RCR 4	
77		4971	0EE	B<>C ALL	

78			4972	0B0	C=N ALL	
79			4973	*309*	*?NC XQ*	
80			4974	*09C*	*->27C2*	*[ASN15]*
81			4975	0B0	C=N ALL	
82			4976	106	A=C S&X	
83			4977	***283***	***JNC -30***	*LB_4947*
84		LB_4978	4978	1C6	A=A-C S&X	
85			4979	0B0	C=N ALL	
86			497A	0A6	A<>C S&X	
87			497B	158	M=C ALL	
88			497C	130	LDI S&X	
89			497D	0D0	CON:	
90			497E	306	?A<C S&X	
91			497F	*065*	*?NC GO*	
92			4980	*122*	*->4819*	*[LB_4819]*
93			4981	198	C=M ALL	
94			4982	0A6	A<>C S&X	
95			4983	270	RAMSLCT	
96			4984	206	C=C+A S&X	
97			4985	158	M=C ALL	
98			4986	038	READATA	
99			4987	0FC	RCR 10	
100			4988	0A6	A<>C S&X	
101			4989	1C6	A=A-C S&X	
102			498A	0A6	A<>C S&X	
103			498B	07C	RCR 4	
104			498C	0EE	B<>C ALL	
105			498D	038	READATA	
106			498E	0FC	RCR 10	
107			498F	05A	C=0 M	
108			4990	0A6	A<>C S&X	
109			4991	07C	RCR 4	
110			4992	2F0	WRITDATA	
111			4993	198	C=M ALL	
112			4994	270	RAMSLCT	
113			4995	0EE	B<>C ALL	
114			4996	2F0	WRITDATA	
115			4997	*051*	*?NC XQ*	
116			4998	*084*	*->2114*	*[PKIOAS]*
117			4999	*095*	*?NC GO*	*Initialize Buffer*
118			499A	*126*	*->4925*	*[CALCON]*
1		**AWAKE**	**499B**	130	LDI S&X	
2			499C	0D0	CON:	
3			499D	270	RAMSLCT	*select register 0D0*
4			499E	078	READ 1(Z)	*read 0D1*
5			499F	13C	RCR 8	
6		**LB_49A0**	**49A0**	**01C**	**PT= 3**	
7			49A1	10A	A=C PT<-	
8			49A2	0C4	CLRF 10	
9			49A3	1E2	C=C+C @PT	
10			49A4	*013*	*JNC +02*	LB_49A6
11			49A5	0C8	SETF 10	
12		LB_49A6	49A6	046	C=0 S&X	
13			49A7	270	RAMSLCT	
14			49A8	338	READ 12(b)	
15			49A9	0AA	A<>C PT<-	
16			49AA	328	WRIT 12(b)	
17			49AB	3E0	RTN	
1	WRITOK	**WRITOK**	**49AC**	130	LDI S&X	

2	WRITOK		49AD	020	" "	in ALPHA form
3			49AE	2D9	?NC XQ	Append to DISPL
4	puts "OK" in LCD and goes		49AF	124	->49B6	[APNCHR]
5	to select the Forth buffer		49B0	130	LDI S&X	
6			49B1	04F	"O"	in ALPHA form
7	WRITOK		49B2	2D9	?NC XQ	Append to DISPL
8	WRITOK		49B3	124	->49B6	[APNCHR]
9	WRITOK		49B4	1B1	?NC GO	Append "K" to DISPL
10	WRITOK		49B5	13A	->4E6C	[APND_K]
1	APNCHR	APNCHR	49B6	39C	PT= 0	
2	APNCHR		49B7	058	G=C @PT,+	store chr# in G
3	APNCHR	APNDG#	49B8	149	?NC XQ	Enable Chip0
4	APNCHR		49B9	024	->0952	[ENCP00]
5	APNCHR		49BA	3B8	READ 14(d)	read user flags
6			49BB	358	ST=C XP	copy ti status bits
7	this will set user flag 51		49BC	088	SETF 5	set bit 5 = UF 51
8	the Single Step mode		49BD	3D8	C<>ST XP	copy back to C
9			49BE	3A8	WRIT 14(d)	update user flags
10	APNCHR		49BF	08C	?FSET 5	LCD empty?
11	APNCHR		49C0	3C1	?NC XQ	no, Enable and Clear Disp.
12	APNCHR		49C1	0B0	->2CF0	[CLLCDE]
13	APNCHR		49C2	149	?NC XQ	Enable Chip0
14	APNCHR		49C3	024	->0952	[ENCP00]
15			49C4	3B8	READ 14(d)	read flag status
16	now to clear user flag 19,-		49C5	27C	RCR 9	rotate to group 16-19
17	could have used [CF_19]		49C6	358	ST=C XP	copy ti status bits
18	unless it already has the		49C7	384	CLRF 0	clears bit0
19	RTN stack full...		49C8	3D8	C<>ST XP	swap with C
20			49C9	0BC	RCR 5	rotate to default pos
21	APNCHR		49CA	3A8	WRIT 14(d)	update user flags
22	APNCHR		49CB	38C	?FSET 0	
23	APNCHR		49CC	3C1	?C XQ	yes, Enable and Clear Disp.
24	APNCHR		49CD	0B1	->2CF0	[CLLCDE]
25	APNCHR		49CE	3D9	?NC XQ	Enable Chip0
26	APNCHR		49CF	01C	->07F6	[ENLCD]
27	APNCHR		49D0	39C	PT= 0	
28	APNCHR		49D1	098	C=G @PT,+	read chr# from G
29	APNCHR		49D2	175	?NC XQ	put in display
30	APNCHR		49D3	0B0	->2C5D	[ASCLCD]
31	APNCHR		49D4	149	?NC XQ	
32	APNCHR		49D5	024	->0952	[ENCP00]
33	APNCHR		49D6	3B8	READ 14(d)	read flag status
34	APNCHR		49D7	27C	RCR 9	rotate to group 16-19
35	APNCHR		49D8	358	ST=C XP	
36	APNCHR		49D9	30C	?FSET 1	is flag 19 set? ("OK" in LCD)
37	APNCHR		49DA	3A0	?NC RTN	no, return
38	APNCHR		49DB	375	?NC XQ	
39	APNCHR		49DC	1C8	->72DD	[SCHDEV]
40			49DD	375	?NC XQ	
41	sends a null to the		49DE	1C0	->70DD	[LADr5]
42	selected printer device		49DF	39C	PT= 0	
43			49E0	098	C=G @PT,+	
44	APNCHR		49E1	099	?NC XQ	
45	APNCHR		49E2	1C4	->7126	[SDATA0
46	APNCHR		49E3	0D9	?NC XQ	
47	APNCHR		49E4	1CC	->7336	[UNLCHK]
48	APNCHR		49E5	3E0	RTN	
1		EN_49E6	49E6	25D	?NC XQ	Load status set0
2			49E7	01C	->0797	[LDSST0]

3			49E8	27C	RCR 9	rotate to group 16-19
4			49E9	358	ST=C XP	
5			49EA	388	SETF 0	sets user flag 19
6			49EB	398	C=ST XP	
7		*fixed bug- it was:*	49EC	0BC	RCR 5	rotate back
8		**318 UNDEF 318**	49ED	**3A8**	**WRIT 14(d)**	commit changes to status
9			49EE	*01D*	*?NC GO*	
10			49EF	*136*	*->4D07*	*LB_4D07*
1	*<GAP>*		49F0	*000*	*NOP*	
2	*<GAP>*		49F1	*000*	*NOP*	
1	LBRCKT	**LBRCKT**	**49F2**	*13D*	*?NC XQ*	*Select FORTH buffer*
2	LBRCKT		49F3	*120*	*->484F*	*[SLCFORTH]*
3	LBRCKT		49F4	1F8	READ 7(O)	
4	LBRCKT		49F5	2DC	PT= 13	
5	LBRCKT		49F6	010	LD@PT- 0	
6	LBRCKT		49F7	010	LD@PT- 0	
7	LBRCKT		49F8	1E8	WRIT 7(O)	
8	LBRCKT		49F9	238	READ 8(P)	
9	LBRCKT		49FA	31C	PT= 1	
10	LBRCKT		49FB	04A	C=0 PT<-	
11	LBRCKT		49FC	228	WRIT 8(P)	
12	LBRCKT		49FD	3E0	RTN	
1		**EN_49FE**	**49FE**	*149*	*?NC XQ*	
2			49FF	*024*	*->0952*	*[ENCP00]*
3			4A00	3B8	READ 14(d)	
4			4A01	33C	RCR 1	
5			4A02	358	ST=C XP	
6			4A03	00C	?FSET 3	
7			4A04	***0CF***	***JC +19***	*LB_4A1D*
8			4A05	130	LDI S&X	
9			4A06	030	CON:	
10			4A07	106	A=C S&X	
11			4A08	0B0	C=N ALL	
12			4A09	31C	PT= 1	
13			4A0A	302	?A<C @PT	
14			4A0B	***093***	***JNC +12***	*LB_4A1D*
15			4A0C	04C	?FSET 4	
16			4A0D	***03F***	***JC +07***	*LB_4A14*
17			4A0E	106	A=C S&X	
18			4A0F	130	LDI S&X	
19			4A10	080	CON:	
20			4A11	206	C=C+A S&X	
21			4A12	070	N=C ALL	
22			4A13	***053***	***JNC +0A***	*LB_4A1D*
23		LB_4A14	4A14	0A6	A<>C S&X	
24			4A15	130	LDI S&X	
25			4A16	0C0	CON:	
26			4A17	302	?A<C @PT	
27			4A18	***02F***	***JC +05***	*LB_4A1D*
28			4A19	130	LDI S&X	
29			4A1A	080	CON:	
30			4A1B	246	C=A-C S&X	
31			4A1C	070	N=C ALL	
32		LB_4A1D	4A1D	0B0	C=N ALL	
33			4A1E	106	A=C S&X	
34			4A1F	000	NOP	
35			4A20	05C	PT= 4	
36			4A21	110	LD@PT- 4	*begin of Key Mapping*
37			4A22	3D0	LD@PT- F	*"4F00"*

38		4A23	37C	RCR 12	rotate in position
39		4A24	330	FETCH S&X	read keycode
40		4A25	158	M=C ALL	save in M
41		4A26	39C	PT= 0	
42		4A27	058	G=C @PT,+	
43		4A28	3E0	RTN	
1	EN_4A29	4A29	162	A=A+1 @PT	
2		4A2A	162	A=A+1 @PT	*increase 4 addr*
3		4A2B	162	A=A+1 @PT	
4		4A2C	162	A=A+1 @PT	
5		4A2D	*027*	*JC +04*	*LB_4A31*
6		4A2E	162	A=A+1 @PT	*increase one more*
7		4A2F	*371*	*?NC GO*	
8		4A30	*086*	*->21DC*	*[PATCH1]*
9	LB_4A31	4A31	162	A=A+1 @PT	
10		4A32	162	A=A+1 @PT	*increase two more*
11		4A33	16E	A=A+1 ALL	*global increase*
12		4A34	3E0	RTN	
1	EN_4A45	4A35	01C	PT= 3	
2		4A36	10A	A=C PT<-	
3	EN_4A37	4A37	*13D*	*?NC XQ*	*Select FORTH buffer*
4		4A38	*120*	*->484F*	*[SLCFORTH]*
5		4A39	078	READ 1(Z)	
6		4A3A	01C	PT= 3	
7		4A3B	*06D*	*?NC XQ*	
8		4A3C	*08C*	*->231B*	*[PTLNKA]*
9		4A3D	*0A5*	*?NC XQ*	
10		4A3E	*128*	*->4A29*	*[LB_4A29]*
11		4A3F	*13D*	*?NC XQ*	*Select FORTH buffer*
12		4A40	*120*	*->484F*	*[SLCFORTH]*
13		4A41	078	READ 1(Z)	
14		4A42	0AA	A<>C PT<-	
15		4A43	068	WRIT 1(Z)	
16		4A44	3E0	RTN	
1	EN_4A45	4A45	*13D*	*?NC XQ*	*Select FORTH buffer*
2		4A46	*120*	*->484F*	*[SLCFORTH]*
3		4A47	238	READ 8(P)	read construct
4		4A48	2FC	RCR 13	rotate in position
5		4A49	1B0	POPADR	*get return adr - no return?*
6		4A4A	33C	RCR 1	rotate construct
7		4A4B	228	WRIT 8(P)	save in buffer
8		4A4C	0AE	A<>C ALL	
9		4A4D	*281*	*?NC XQ*	
10		4A4E	*124*	*->49A0*	*[LB_49A0]*
11		4A4F	*261*	*?NC XQ*	
12		4A50	*000*	*->0098*	*[RSTKB]*
13		4A51	*231*	*?NC XQ*	
14		4A52	*134*	*->4D8C*	*[LB_4D8C]*
15		4A53	*149*	*?NC XQ*	
16		4A54	*024*	*->0952*	*[ENCP00]*
17		4A55	*211*	*?NC XQ*	
18		4A56	*00C*	*->0384*	*[RSTSEQ]*
19		4A57	*309*	*?NC GO*	
20		4A58	*01E*	*->07C2*	*[RUN]*
1	EN_4A59	4A59	*13D*	*?NC XQ*	*Select FORTH buffer*
2		4A5A	*120*	*->484F*	*[SLCFORTH]*
3		4A5B	078	READ 1(Z)	
4		4A5C	01C	PT= 3	
5		4A5D	10A	A=C PT<-	

6			4A5E	*34D*	*?NC XQ*	
7			4A5F	*0A4*	*->29D3*	*[INCAD2]*
8			4A60	078	READ 1)Z	
9			4A61	0AA	A<>C PT<-	
10			4A62	068	WRIT 1)Z	
11			4A63	*11D*	*?NC GO*	
12			4A64	*08A*	*->2247*	*[GTLNKA]*
1		**LB_4A65**	**4A65**	130	LDI S&X	
2			4A66	0D0	CON:	
3			4A67	270	RAMSLCT	
4			4A68	278	READ 9(Q)	
5			4A69	23E	C=C+1 MS	
6			4A6A	268	WRIT 9(Q)	
7			4A6B	11E	A=C MS	
8			4A6C	37C	RCR 12	
9			4A6D	39C	PT= 0	
10			4A6E	098	C=G @PT,+	
11			4A6F	2DC	PT= 13	
12			4A70	1D0	LD@PT- 7	
13			4A71	31E	?A<C MS	
14			4A72	3A0	?NC RTN	
15			4A73	0BE	A<>C MS	
16			4A74	268	WRIT 9(Q)	
17			4A75	3E0	RTN	
1	LOAD40	**SF_35**	**4A76**	*25D*	*?NC XQ*	*Load status set0*
2	LOAD40		4A77	*01C*	*->0797*	*[LDSST0]*
3	LOAD40		4A78	0BC	RCR 5	*rotate to group 32-35*
4			4A79	358	ST=C XP	*copy to status bits*
5	*sets user flag 35:*		4A7A	388	SETF 0	*sets bit*
6	*enables auto-start*		4A7B	398	C=ST XP	*copy back to C*
7			4A7C	27C	RCR 9	*rotate to default pos*
8	LOAD40		4A7D	3A8	WRIT 14(d)	*update user flags*
9	LOAD40		4A7E	3E0	RTN	*done*
1		**LB_4A7F**	**4A7F**	*01D*	*?NC XQ*	
2			4A80	*0B4*	*->2D07*	*[NXTBYT]*
3			4A81	0E6	B<>C S&X	
4			4A82	*01D*	*?NC XQ*	
5			4A83	*0B4*	*->2D07*	*[NXTBYT]*
6			4A84	23C	RCR 2	
7			4A85	0C6	C=B S&X	
8			4A86	37C	RCR 12	
9			4A87	3E0	RTN	
1	CALL	**CALL4**	**4A88**	*141*	*?NC XQ*	
2	CALL		4A89	*0A4*	*->2950*	*[GETPC]*
3	CALL		4A8A	*1FD*	*?NC XQ*	
4	CALL		4A8B	*128*	*->4A7F*	*[LB_4A7F]*
5	CALL		4A8C	0EA	B<>C PT<-	
6	CALL		4A8D	*0DD*	*?NC XQ*	
7	CALL		4A8E	*08C*	*->2337*	*[PUTPC]*
8	CALL		4A8F	0CA	C=B PT<-	
9	CALL		4A90	10A	A=C PT<-	
10	CALL		4A91	3E0	RTN	
1		**EN_4A92**	**4A92**	*13D*	*?NC XQ*	*Select FORTH buffer*
2			4A93	*120*	*->484F*	*[SLCFORTH]*
3			4A94	*2ED*	*?NC XQ*	
4			4A95	*0BC*	*->2FBB*	*[XRM08]*
5		**NFRPU2**	**4A96**	*3C1*	*?NC GO*	
6			4A97	*002*	*->00F0*	*[NFRPU]*
1		**EN_4A98**	**4A98**	**01C**	**PT= 3**	

	4A99	0AA	A<>C PT<-	
	4A9A	0C4	CLRF 10	
	4A9B	10A	A=C PT<-	
	4A9C	1E2	C=C+C @PT	
	4A9D	3A0	?NC RTN	
	4A9E	0C8	SETF 10	
	4A9F	3E0	RTN	
EN_4AA0	**4AA0**	**046**	**C=0 S&X**	
	4AA1	270	RAMSLCT	
	4AA2	338	READ 12(b)	
	4AA3	0AA	A<>C PT<-	
	4AA4	10A	A=C PT<-	
	4AA5	328	WRIT 12(b)	
	4AA6	3E0	RTN	
EN_4AA7	**4AA7**	**01C**	**PT= 3**	
	4AA8	05A	C=0 M	
	4AA9	0AA	A<>C PT<-	
	4AAA	1FA	C=C+C M	
	4AAB	1FA	C=C+C M	
	4AAC	1FA	C=C+C M	
	4AAD	3DA	RSHFC M	
	4AAE	0E2	B<>C @PT	
	4AAF	042	C=0 @PT	
	4AB0	10A	A=C PT<-	
	4AB1	1EA	C=C+C PT<-	
	4AB2	1EA	C=C+C PT<-	
	4AB3	1EA	C=C+C PT<-	
	4AB4	0AA	A<>C PT<-	
	4AB5	1CA	A=A-C PT<-	
	4AB6	0E2	B<>C @PT	
	4AB7	03C	RCR 3	
	4AB8	14A	A=A+C PT<-	
	4AB9	*1A1*	*?NC GO*	
	4ABA	*13A*	*->4E68*	*[BLIP11]*
FORK1	**4ABB**	130	LDI S&X	
	4ABC	071	CON:	
	4ABD	***07B***	***JNC +0F***	*LB_4ACC*
FORK2	**4ABE**	130	LDI S&X	
	4ABF	07A	CON:	
	4AC0	***063***	***JNC +0C***	*LB_4ACC*
FORK3	**4AC1**	130	LDI S&X	
	4AC2	083	CON:	
	4AC3	***04B***	***JNC +09***	*LB_4ACC*
FORK4	4AC4	130	LDI S&X	
	4AC5	08D	CON:	
	4AC6	*033*	*JNC +06*	*LB_4ACC*
FORK5	**4AC7**	130	LDI S&X	
	4AC8	097	CON:	
	4AC9	*01B*	*JNC +03*	*LB_4ACC*
FORK6	**4ACA**	130	LDI S&X	
	4ACB	0A1	CON:	
LB_4ACC	4ACC	01C	PT= 3	
	4ACD	110	LD@PT- 4	
	4ACE	3D0	LD@PT- F	
	4ACF	158	M=C ALL	
	4AD0	*399*	*?NC XQ*	
	4AD1	*124*	*->49E6*	*[EN_49E6]*
	4AD2	198	C=M ALL	
	4AD3	26E	C=C-1 ALL	

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26                          4AD4   1BC   RCR  11
27                          4AD5   330   FETCH S&X
28                          4AD6   070   N=C ALL
29                          4AD7   0C8   SETF  10
30                          4AD8   371   ?NC XQ
31                          4AD9   128   ->4ADC          [EN_4ADC]
32                          4ADA   1C9   ?NC GO
33                          4ADB   13A   ->4E72          [LB_4E72]
1   EN_4ADC                 4ADC   0B0   C=N ALL
2                           4ADD   266   C=C-1  S&X
3                           4ADE   360   ?C RTN
4                           4ADF   070   N=C ALL
5   LB_4AE0                 4AE0   198   C=M ALL
6                           4AE1   01C   PT=  3
7                           4AE2   10A   A=C  PT<-
8                           4AE3   2C1   ?NC XQ
9                           4AE4   0A4   ->29B0          [GTBYT]
10                          4AE5   33D   ?NC XQ
11                          4AE6   0A4   ->29CF          [INCAD]
12                          4AE7   0AA   A<>C  PT<-
13                          4AE8   158   M=C ALL
14                          4AE9   130   LDI S&X
15                          4AEA   07F   CON:
16                          4AEB   3B0   C=C AND A
17                          4AEC   2D9   ?NC XQ          Append to DISPL
18                          4AED   124   ->49B6          [APNCHR]
19                          4AEE   0B0   C=N ALL
20                          4AEF   266   C=C-1 S&X
21                          4AF0   360   ?C RTN
22                          4AF1   070   N=C ALL
23                          4AF2   373   JNC  -12        LB_4AE0
1   EN_4AF3                 4AF3   01C   PT=  3
2                           4AF4   10A   A=C  PT<-
3   EN_4AF5                 4AF5   13D   ?NC XQ          Select FORTH buffer
4                           4AF6   120   ->484F          [SLCFORTH]
5                           4AF7   078   READ 1(Z)
6                           4AF8   07C   RCR  4
7                           4AF9   01C   PT=  3
8                           4AFA   0AA   A<>C  PT<-
9                           4AFB   069   ?NC XQ
10                          4AFC   08C   ->231A          [PTLINK]
11                          4AFD   34D   ?NC XQ
12                          4AFE   0A4   ->29D3          [INCAD2]
13                          4AFF   13D   ?NC XQ          Select FORTH buffer
14                          4B00   120   ->484F          [SLCFORTH]
15                          4B01   078   READ 1(Z)
16                          4B02   36A   ?A#C  PT<-
17                          4B03   2ED   ?NC GO
18                          4B04   12A   ->4ABB          [FORK1]
19                          4B05   07C   RCR  4
20                          4B06   0AA   A<>C  PT<-
21                          4B07   0FC   RCR  10
22                          4B08   068   WRIT 1(Z)
23                          4B09   3E0   RTN
1   EN_4B0A                 4B0A   13D   ?NC XQ          Select FORTH buffer
2                           4B0B   120   ->484F          [SLCFORTH]
3                           4B0C   078   READ 1(Z)
4                           4B0D   07C   RCR  4
5                           4B0E   01C   PT=  3
```
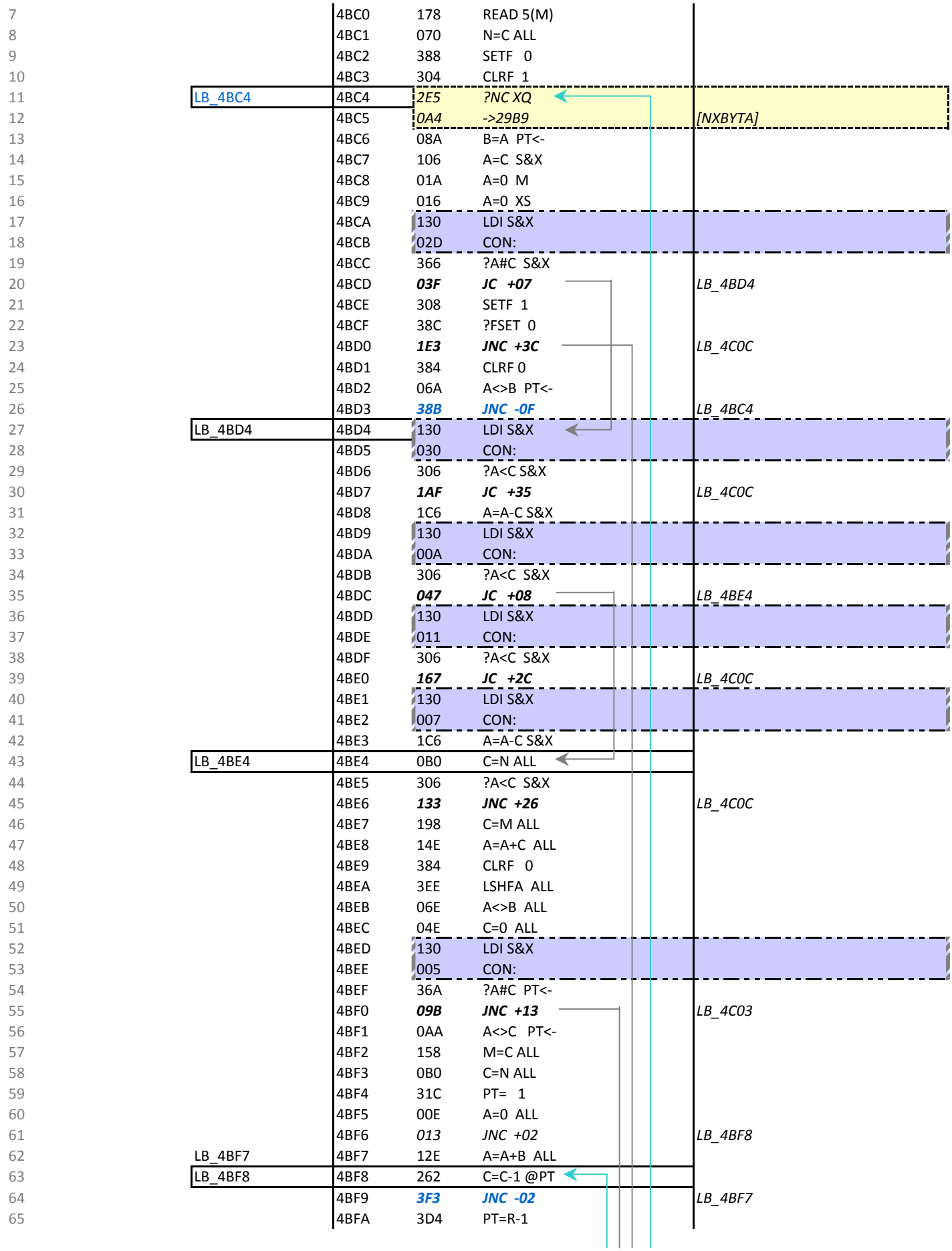

6		4B0F	10A	A=C PT<-	
7		4B10	0B8	READ 2(Y)	
8		4B11	17C	RCR 6	
9		4B12	36A	?A#C PT<-	
10		4B13	*31D*	*?NC GO*	
11		4B14	*12A*	*->4AC7*	*[FORK5]*
12		4B15	*0A5*	*?NC XQ*	
13		4B16	*128*	*->4A29*	*[EN_4A29]*
14		4B17	078	READ 1(Z)	
15		4B18	07C	RCR 4	
16		4B19	0AA	A<>C PT<-	
17		4B1A	0FC	RCR 10	
18		4B1B	068	WRIT 1(Z)	
19		4B1C	07C	RCR 4	
20		4B1D	*11D*	*?NC GO*	
21		4B1E	*08A*	*->2247*	*[GTLNKA]*
1	**LB_4B1F**	**4B1F**	**1B8**	**READ 6(N)**	
2		4B20	23C	RCR 2	
3		4B21	01C	PT= 3	
4		4B22	0AA	A<>C PT<-	
5		4B23	158	M=C ALL	
6		4B24	238	READ 8(P)	
7		4B25	17C	RCR 6	
8		4B26	366	?A#C S&X	
9		4B27	*305*	*?NC GO*	
10		4B28	*12A*	*->4AC1*	*[FORK3]*
11		4B29	226	C=C+1 S&X	
12		4B2A	366	?A#C S&X	
13		4B2B	*305*	*?NC GO*	
14		4B2C	*12A*	*->4AC1*	*[FORK3]*
15		4B2D	198	C=M ALL	
16		4B2E	3E0	RTN	
1	**EN_4B2F**	**4B2F**	*13D*	*?NC XQ*	*Select FORTH buffer*
2		4B30	*120*	*->484F*	*[SLCFORTH]*
3		4B31	*07D*	*?NC XQ*	
4		4B32	*12C*	*->4B1F*	*[LB_4B1F]*
5		4B33	23C	RCR 2	
6		4B34	*08D*	*?NC XQ*	
7		4B35	*08C*	*->2323*	*[PTBYTA]*
8		4B36	198	C=M ALL	
9		4B37	*359*	*?NC XQ*	
10		4B38	*0A4*	*->29D6*	*[INCADA]*
11	**LB_4B39**	**4B39**	*08D*	*?NC XQ*	
12		4B3A	*08C*	*->2323*	*[PTBYTA]*
13		4B3B	*359*	*?NC XQ*	
14		4B3C	*0A4*	*->29D6*	*[INCADA]*
15		4B3D	*13D*	*?NC XQ*	*Select FORTH buffer*
16		4B3E	*120*	*->484F*	*[SLCFORTH]*
17		4B3F	1B8	READ 6(N)	
18		4B40	23C	RCR 2	
19		4B41	0AA	A<>C PT<-	
20		4B42	37C	RCR 12	
21		4B43	1A8	WRIT 6(N)	
22		4B44	3E0	RTN	
1	**EN_4B45**	**4B45**	**1B0**	**POPADR**	*no way back!*
2		4B46	070	N=C ALL	
3		4B47	*221*	*?NC XQ*	
4		4B48	*128*	*->4A88*	*[LB_4A88]*
5		4B49	0B0	C=N ALL	

6			4B4A	03C	RCR 3	
7			4B4B	0A6	A<>C S&X	
8			4B4C	158	M=C ALL	
9			4B4D	0C8	SETF 10	
10			4B4E	338	READ 12(b)	
11			4B4F	*0D5*	*?NC XQ*	
12			4B50	*128*	*->4A35*	*[LB 4A35]*
13			4B51	198	C=M ALL	
14			4B52	10E	A=C ALL	
15			4B53	*0DD*	*?NC XQ*	
16			4B54	*08C*	*->2337*	*[PUTPC]*
17			4B55	*3C1*	*?NC GO*	
18			4B56	*002*	*->00F0*	*[NFRPU]*
1		**EN_4B57**	**4B57**	**1B0**	**POPADR**	*no way back!*
2			4B58	070	N=C ALL	
3			4B59	*221*	*?NC XQ*	
4			4B5A	*128*	*->4A88*	*[LB 4A88]*
5			4B5B	0B0	C=N ALL	
6			4B5C	03C	RCR 3	
7			4B5D	102	A=C @PT	
8			4B5E	*249*	*?NC GO*	
9			4B5F	*12A*	*->4A92*	*[LB 4A92]*
1		**EN_4B60**	**4B60**	*26D*	*?NC XQ*	
2			4B61	*124*	*->499B*	*[AWAKE]*
3			4B62	*13D*	*?NC XQ*	*Select FORTH buffer*
4			4B63	*120*	*->484F*	*[SLCFORTH]*
5			4B64	2C4	CLRF 13	clear PRGM flag
6			4B65	238	READ 8(P)	read 0D8
7			4B66	2FC	RCR 13	rotate to ADR field
8			4B67	***1E0***	***GOTO ADR***	*go forth!*
1	LDSST9	**LDSST9**	**4B68**	*149*	*?NC XQ*	
2	LDSST9		4B69	*024*	*->0952*	*[ENCP00]*
3	LDSST9		4B6A	3B8	READ 14(d)	read user flags
4	LDSST9		4B6B	27C	RCR 9	rotate to group 16-19
5	LDSST9		4B6C	358	ST=C XP	copy to status bits
6	LDSST9		4B6D	3E0	RTN	
1		**EN_4B6E**	**4B6E**	*1A1*	*?NC XQ*	*Load status set9*
2			4B6F	*12C*	*->4B68*	*[LDSST9]*
3			4B70	30C	?FSET 1	is user flag 20 set?
4			4B71	3A0	?NC RTN	no, return
5			4B72	*375*	*?NC XQ*	
6			4B73	*1C8*	*->72DD*	*[SCHDEV]*
7			4B74	*375*	*?NC XQ*	
8	*the lower section is never*		4B75	*1C0*	*->70DD*	*[LADr5]*
9	*executed - appears F1*		4B76	130	LDI S&X	
10	*is a back door never set*		4B77	00D	CON:	
11			4B78	*099*	*?NC XQ*	
12			4B79	*1C4*	*->7126*	*[SDATA0]*
13	***00D***		4B7A	130	LDI S&X	
14	***01B***		4B7B	01B	CON:	
15	***04A***		4B7C	*0A1*	*?NC XQ*	
16			4B7D	*1C4*	*->7128*	*[SDATA]*
17			4B7E	130	LDI S&X	
18			4B7F	04A	CON:	
19			4B80	*0A1*	*?NC XQ*	
20			4B81	*1C4*	*->7128*	*[SDATA]*
21			4B82	*0D9*	*?NC XQ*	
22			4B83	*1CC*	*->7336*	*[UNLCHK]*
23			4B84	3E0	RTN	

1	<GAP>		4B85	000	NOP	
2	<GAP>		4B86	000	NOP	
3	<GAP>		4B87	000	NOP	
4	<GAP>		4B88	000	NOP	
1		EN_4B89	4B89	1A1	?NC XQ	Load status set9
2			4B8A	12C	->4B68	[LDSST9]
3			4B8B	30C	?FSET 1	is user flag 20 set?
4			4B8C	3A0	?NC RTN	no, return
5			4B8D	375	?NC XQ	
6			4B8E	1C8	->72DD	[SCHDEV]
7			4B8F	375	?NC XQ	
8	the lower section is never		4B90	1C0	->70DD	[LADr5]
9	executed - appears F1		4B91	130	LDI S&X	
10	is a back door never set		4B92	008	CON:	
11			4B93	099	?NC XQ	
12			4B94	1C4	->7126	[SDATA0]
13	008		4B95	130	LDI S&X	
14	01B		4B96	01B	CON:	
15	04F		4B97	0A1	?NC XQ	
16			4B98	1C4	->7128	[SDATA]
17			4B99	130	LDI S&X	
18			4B9A	04F	CON:	
19			4B9B	0A1	?NC XQ	
20			4B9C	1C4	->7128	[SDATA]
21			4B9D	0D9	?NC XQ	
22			4B9E	1CC	->7336	[UNLCHK]
23			4B9F	3E0	RTN	
1	<GAP>		4BA0	000	NOP	
2	<GAP>		4BA1	000	NOP	
3	<GAP>		4BA2	000	NOP	
4	<GAP>		4BA3	000	NOP	
1		LB_4BA4	4BA4	00E	A=0 ALL	
2			4BA5	130	LDI S&X	
3			4BA6	005	CON:	
4			4BA7	106	A=C S&X	
5			4BA8	130	LDI S&X	
6			4BA9	020	CON:	
7			4BAA	0E6	B<>C S&X	
8			4BAB	01C	PT= 3	
9		LB_4BAC	4BAC	2ED	?NC XQ	
10			4BAD	0A4	->29BB	[GTBYTA]
11			4BAE	056	C=0 XS	
12			4BAF	2E6	?C#0 S&X	
13			4BB0	3A0	?NC RTN	
14			4BB1	066	A<>B S&X	
15			4BB2	366	?A#C S&X	
16			4BB3	02B	JNC +05	LB_4BB8
17			4BB4	066	A<>B S&X	
18			4BB5	329	?NC XQ	
19			4BB6	0A4	->29CA	[DECADA]
20			4BB7	3AB	JNC -0B	LB_4BAC
21		LB_4BB8	4BB8	066	A<>B S&X	
22			4BB9	3E0	RTN	
1		LB_4BBA	4BBA	291	?NC XQ	
2			4BBB	12C	->4BA4	[LB_4BA4]
3			4BBC	04E	C=0 ALL	
4			4BBD	158	M=C ALL	
5			4BBE	13D	?NC XQ	Select FORTH buffer
6			4BBF	120	->484F	[SLCFORTH]



7		4BC0	178	READ 5(M)	
8		4BC1	070	N=C ALL	
9		4BC2	388	SETF 0	
10		4BC3	304	CLRF 1	
11	LB_4BC4	4BC4	*2E5*	*?NC XQ*	
12		4BC5	*0A4*	*->29B9*	*[NXBYTA]*
13		4BC6	08A	B=A PT<-	
14		4BC7	106	A=C S&X	
15		4BC8	01A	A=0 M	
16		4BC9	016	A=0 XS	
17		4BCA	130	LDI S&X	
18		4BCB	02D	CON:	
19		4BCC	366	?A#C S&X	
20		4BCD	***03F***	***JC +07***	*LB_4BD4*
21		4BCE	308	SETF 1	
22		4BCF	38C	?FSET 0	
23		4BD0	***1E3***	***JNC +3C***	*LB_4C0C*
24		4BD1	384	CLRF 0	
25		4BD2	06A	A<>B PT<-	
26		4BD3	***38B***	***JNC -0F***	*LB_4BC4*
27	LB_4BD4	4BD4	130	LDI S&X	
28		4BD5	030	CON:	
29		4BD6	306	?A<C S&X	
30		4BD7	***1AF***	***JC +35***	*LB_4C0C*
31		4BD8	1C6	A=A-C S&X	
32		4BD9	130	LDI S&X	
33		4BDA	00A	CON:	
34		4BDB	306	?A<C S&X	
35		4BDC	***047***	***JC +08***	*LB_4BE4*
36		4BDD	130	LDI S&X	
37		4BDE	011	CON:	
38		4BDF	306	?A<C S&X	
39		4BE0	***167***	***JC +2C***	*LB_4C0C*
40		4BE1	130	LDI S&X	
41		4BE2	007	CON:	
42		4BE3	1C6	A=A-C S&X	
43	LB_4BE4	4BE4	0B0	C=N ALL	
44		4BE5	306	?A<C S&X	
45		4BE6	***133***	***JNC +26***	*LB_4C0C*
46		4BE7	198	C=M ALL	
47		4BE8	14E	A=A+C ALL	
48		4BE9	384	CLRF 0	
49		4BEA	3EE	LSHFA ALL	
50		4BEB	06E	A<>B ALL	
51		4BEC	04E	C=0 ALL	
52		4BED	130	LDI S&X	
53		4BEE	005	CON:	
54		4BEF	36A	?A#C PT<-	
55		4BF0	***09B***	***JNC +13***	*LB_4C03*
56		4BF1	0AA	A<>C PT<-	
57		4BF2	158	M=C ALL	
58		4BF3	0B0	C=N ALL	
59		4BF4	31C	PT= 1	
60		4BF5	00E	A=0 ALL	
61		4BF6	*013*	*JNC +02*	*LB_4BF8*
62	LB_4BF7	4BF7	12E	A=A+B ALL	
63	LB_4BF8	4BF8	262	C=C-1 @PT	
64		4BF9	***3F3***	***JNC -02***	*LB_4BF7*
65		4BFA	3D4	PT=R-1	

66			4BFB	3AE	RSHFB ALL	
67			4BFC	2D4	?PT= 13	
68			4BFD	***3DB***	***JNC -05***	*LB_4BF8*
69			4BFE	01C	PT= 3	
70			4BFF	198	C=M ALL	
71			4C00	0AE	A<>C ALL	
72			4C01	158	M=C ALL	
73			4C02	***213***	***JNC -3E***	*LB_4BC4*
74		LB_4C03	4C03	0EE	B<>C ALL	
75			4C04	3CE	RSHFC ALL	
76			4C05	30C	?FSET 1	
77			4C06	*013*	*JNC +02*	*LB_4C08*
78			4C07	28A	C=0-C PT<-	
79		LB_4C08	4C08	158	M=C ALL	
80			4C09	04E	C=0 ALL	
81			4C0A	26E	C=C-1 ALL	
82			4C0B	3E0	RTN	
83		LB_4C0C	4C0C	04E	C=0 ALL	
84			4C0D	3E0	RTN	
1		**EN_4C0E**	**4C0E**	**00E**	**A=0 ALL**	
2			4C0F	31C	PT= 1	
3			4C10	0B0	C=N ALL	
4			4C11	05E	C=0 MS	
5		LB_4C12	4C12	3EE	LSHFA ALL	
6			4C13	3EE	LSHFA ALL	
7			4C14	10A	A=C PT<-	
8			4C15	3CE	RSHFC ALL	
9			4C16	3CE	RSHFC ALL	
10			4C17	2EE	?C#0 ALL	
11			4C18	***3D7***	***JC -06***	*LB_4C12*
12			4C19	0AE	A<>C ALL	
13			4C1A	158	M=C ALL	
14			4C1B	3E0	RTN	
1		**LB_4C1C**	**4C1C**	**01C**	**PT= 3**	
2			4C1D	290	LD@PT- A	
3	*pre-loads the primitive code*		4C1E	090	LD@PT- 2	***"A24C"***
4	*for "}-COMP" hard-coded*		4C1F	110	LD@PT- 4	*"}-COMP" fnc. Code*
5			4C20	310	LD@PT- C	
6		**EN_4C21**	**4C21**	**0EE**	**B<>C ALL**	*save parameter in B*
7			4C22	*13D*	*?NC XQ*	*Select FORTH buffer*
8	*readies primitive with*		4C23	*120*	*->484F*	*[SLCFORTH]*
9	*address in C<3:0>*		4C24	0F8	READ 3(X)	*read 0D3*
10			4C25	01C	PT= 3	
11			4C26	10A	A=C PT<-	copy adr to A
12			4C27	*34D*	*?NC XQ*	*increase two address*
13			4C28	*0A4*	*->29D3*	*[INCAD2]*
14			4C29	0AA	A<>C PT<-	put result in C
15			4C2A	0E8	WRIT 3(X)	write to 0D3
16			4C2B	0CE	C=B ALL	recover parameter
17			4C2C	*069*	*?NC GO*	*Puts C<3:0> in A<3:0>*
18			4C2D	*08E*	*->231A*	*[PTLINK]*
1		**EN_4C2E**	**4C2E**	**0E6**	**B<>C S&X**	
2			4C2F	*13D*	*?NC XQ*	*Select FORTH buffer*
3			4C30	*120*	*->484F*	*[SLCFORTH]*
4			4C31	0F8	READ 3(X)	
5			4C32	01C	PT= 3	
6			4C33	13C	RCR 8	
7			4C34	10A	A=C PT<-	
8			4C35	*329*	*?NC XQ*	

9		4C36	*0A4*	*->29CA*	*[DECADA]*
10		4C37	0AA	A<>C PT<-	
11		4C38	17C	RCR 6	
12		4C39	0E8	WRIT 3(X)	
13		4C3A	0C6	C=B S&X	
14		4C3B	*08D*	*?NC GO*	
15		4C3C	*08E*	*->2323*	*[PTBYTA]*
1	**LB_4C3D**	**4C3D**	**158**	**M=C ALL**	*saves address in M[ADR]*
2		4C3E	10E	A=C ALL	
3		4C3F	01C	PT= 3	
4		4C40	*2C1*	*?NC XQ*	*Get first byte at A<3:0>*
5		4C41	*0A4*	*->29B0*	*[GTBYT]*
6		4C42	358	ST=C XP	
7		4C43	33C	RCR 1	
8		4C44	11E	A=C MS	
9		4C45	0B0	C=N ALL	
10		4C46	37E	?A#C MS	
11		4C47	***0D7***	***JC +1A***	*LB_4C61*
12		4C48	02E	B=0 ALL	*reset string*
13	LB_4C49	4C49	01C	PT= 3	
14		4C4A	*31D*	*?NC XQ*	*decrase address (previous)*
15		4C4B	*0A4*	*->29C7*	*[DECAD]*
16		4C4C	*2C1*	*?NC XQ*	*get second byte at A<3:0>*
17		4C4D	*0A4*	*->29B0*	*[GTBYT]*
18		4C4E	23C	RCR 2	
19		4C4F	19C	PT= 11	
20		4C50	0CA	C=B PT<-	
21		4C51	37C	RCR 12	
22		4C52	2FE	?C#0 MS	*last character?*
23		4C53	***057***	***JC +0A***	*yes -> LB_4C5D*
24		4C54	3D8	C<>ST XP	*no, go on*
25		4C55	28C	?FSET 7	
26		4C56	***027***	***JC +04***	*LB_4C5A*
27		4C57	3D8	C<>ST XP	
28		4C58	0EE	B<>C ALL	*building string to B*
29		4C59	***383***	***JNC -10***	*next char -> LB_4C49*
30	LB_4C5A	4C5A	284	CLRF 7	
31		4C5B	3D8	C<>ST XP	
32		4C5C	0EE	B<>C ALL	*get string to C*
33	LB_4C5D	4C5D	06E	A<>B ALL	*get string to A*
34		4C5E	0B0	C=N ALL	
35		4C5F	36A	?A#C PT<-	
36		4C60	***083***	***JNC +10***	*LB_4C70*
37	LB_4C61	4C61	198	C=M ALL	
38		4C62	01C	PT= 3	
39		4C63	10A	A=C PT<-	
40		4C64	*01D*	*?NC XQ*	
41		4C65	*0B4*	*->2D07*	*[NXTBYT]*
42		4C66	0E6	B<>C S&X	
43		4C67	*01D*	*?NC XQ*	
44		4C68	*0B4*	*->2D07*	*[NXTBYT]*
45		4C69	23C	RCR 2	
46		4C6A	0C6	C=B S&X	
47		4C6B	37C	RCR 12	
48		4C6C	2EA	?C#0 PT<-	
49		4C6D	***287***	***JC -30***	*LB_4C3D*
50		4C6E	04E	C=0 ALL	
51		4C6F	3E0	RTN	
52	LB_4C70	4C70	06E	A<>B ALL	

	4C71	01C	PT= 3	
LB_4C72	4C72	2C1	?NC XQ	
	4C73	0A4	->29B0	[GTBYT]
	4C74	37C	RCR 12	
	4C75	31D	?NC XQ	
	4C76	0A4	->29C7	[DECAD]
	4C77	1E2	C=C+C @PT	
	4C78	**3D3**	**JNC -06**	LB_4C72
	4C79	0AA	A<>C PT<-	
	4C7A	3E0	RTN	
EN_4C7B	**4C7B**	**18C**	**?FSET 11**	
	4C7C	**0C3**	**JNC +18**	LB_4C94
	4C7D	184	CLRF 11	
	4C7E	130	LDI S&X	
	4C7F	020	CON:	
	4C80	0B9	?NC XQ	
	4C81	130	->4C2E	[EN_4C2E]
	4C82	291	?NC XQ	
	4C83	12C	->4BA4	[LB_4BA4]
LB_4C84	4C84	0B0	C=N ALL	
	4C85	27E	C=C-1 MS	
	4C86	3C1	?C GO	
	4C87	133	->4CF0	[LB_4CF0]
	4C88	070	N=C ALL	
	4C89	2E5	?NC XQ	
	4C8A	0A4	->29B9	[NXBYTA]
	4C8B	0AA	A<>C PT<-	
	4C8C	158	M=C ALL	
	4C8D	0AA	A<>C PT<-	
	4C8E	0B9	?NC XQ	
	4C8F	130	->4C2E	[EN_4C2E]
	4C90	04E	C=0 ALL	
	4C91	1D8	C<>M ALL	
	4C92	10A	A=C PT<-	
	4C93	**38B**	**JNC -0F**	LB_4C84
LB_4C94	4C94	13D	?NC XQ	Select FORTH buffer
	4C95	120	->484F	[SLCFORTH]
	4C96	178	READ 5(M)	
	4C97	07C	RCR 4	
	4C98	01C	PT= 3	
	4C99	10A	A=C PT<-	
	4C9A	329	?NC XQ	Decrease addr in A<3:0>
	4C9B	0A4	->29CA	[DECADA] - RAM Only & PT= 3
	4C9C	139	?NC XQ	
	4C9D	088	->224E	[GTLINK]
	4C9E	0C4	CLRF 10	
	4C9F	0F5	?NC XQ	Get Primitive Text in B
	4CA0	130	->4C3D	[LB_4C3D]
	4CA1	2EA	?C#0 PT<-	
	4CA2	**19F**	**JC +33**	LB_4CD5
	4CA3	0B0	C=N ALL	
	4CA4	130	LDI S&X	
	4CA5	3F6	CON:	
	4CA6	236	C=C+1 XS	"4F6"
	4CA7	0FC	RCR 10	**[CTLADR] - "4F6x"**
	4CA8	**330**	**FETCH S&X**	"4F6x0ab" in C<6:0>
prefixes read byte w/ "47"	4CA9	110	LD@PT- 4	"4F640ab" in C<6:0>
to be used as read-from address	4CAA	1D0	LD@PT- 7	"4F647ab" in C<6:0>
	4CAB	000	NOP	

50		4CAC	0C8	SETF 10	*addrs in C[ADR]*
51		4CAD	*0F5*	*?NC XQ*	*Get Primitive Text in B*
52		4CAE	*130*	*->4C3D*	*[LB_4C3D]*
53		4CAF	2EA	?C#0 PT<-	*is C<3:0> null?*
54		4CB0	***12F***	***JC +25***	*no, -> LB_4CD5*
55		4CB1	*2E9*	*?NC XQ*	
56		4CB2	*12C*	*->4BBA*	*[LB_4BBA]*
57		4CB3	2EE	?C#0 ALL	
58		4CB4	***04B***	***JNC +09***	*LB_4CBD*
59		4CB5	198	C=M ALL	
60		4CB6	29C	PT= 7	*2nd. position*
61		4CB7	290	LD@PT- A	
62		4CB8	090	LD@PT- 2	**FCT: "}-COMP"**
63		4CB9	110	LD@PT- 4	*fcn. Code = A2:4D*
64		4CBA	350	LD@PT- D	
65		4CBB	158	M=C ALL	
66		4CBC	***1C3***	***JNC +38***	*LB_4CF4*
67	LB_4CBD	4CBD	*2F1*	*?NC XQ*	
68		4CBE	*100*	*->40BC*	*[EN_40BC]*
69		4CBF	070	N=C ALL	
70		4CC0	*039*	*?NC XQ*	
71		4CC1	*130*	*->4C0E]*	*[EN_4C0E]*
72		4CC2	*149*	*?NC XQ*	
73		4CC3	*024*	*->0952*	*[ENCP00]*
74		4CC4	198	C=M ALL	
75		4CC5	268	WRIT 9(Q)	
76		4CC6	*035*	*?NC XQ*	
77		4CC7	*098*	*->260D*	*[SAROM]*
78		4CC8	2EE	?C#0 ALL	
79		4CC9	***047***	***JC +08***	*LB_4CD1*
80		4CCA	*149*	*?NC XQ*	*Enable Chip0*
81		4CCB	*024*	*->0952*	*[ENCP00]*
82		4CCC	*375*	*?NC XQ*	
83	***fixed bug - it was:***	4CCD	*058*	*->16DD*	*[TONEB]*
84	*2F1 ?NC XQ*	4CCE	**2F8**	**READ 11(a)**	*what on earth…*
85	*0F0 ->3CBC*	4CCF	**0F0**	**C<>N ALL**	*?????*
86		4CD0	***19B***	***JNC +33***	*LB_4D03*
87	LB_4CD1	4CD1	01C	PT= 3	
88		4CD2	04A	C=0 PT<-	
89		4CD3	158	M=C ALL	
90		4CD4	***103***	***JNC +20***	*LB_4CF4*
91	LB_4CD5	4CD5	10A	A=C PT<-	
92		4CD6	*31D*	*?NC XQ*	*Decrease addr in A<3:0>*
93		4CD7	*0A4*	*->29C7*	*[DECAD] - any PT*
94		4CD8	*31D*	*?NC XQ*	*Decrease addr in A<3:0>*
95	*decrease four addresses*	4CD9	*0A4*	*->29C7*	*[DECAD] - any PT*
96	*going "above" the String*	4CDA	*31D*	*?NC XQ*	*Decrease addr in A<3:0>*
97	*to get to the program data*	4CDB	*0A4*	*->29C7*	*[DECAD] - any PT*
98		4CDC	*31D*	*?NC XQ*	*Decrease addr in A<3:0>*
99		4CDD	*0A4*	*->29C7*	*[DECAD] - any PT*
100	*read the type (0/1)*	4CDE	*2C1*	*?NC XQ*	*Get byte at A<3:0>*
101	*indicates MCODE/FOCAL(?)*	4CDF	*0A4*	*->29B0*	*[GTBYT]*
102		4CE0	056	C=0 XS	clear XS digit
103		4CE1	2E6	?C#0 S&X	is it zero?
104		4CE2	*013*	*JNC +02*	yes, -> LB_4CE4
105		4CE3	188	SETF 11	no, activate F11
106	LB_4CE4	4CE4	*1FD*	*?NC XQ*	*Get Function Code*
107		4CE5	*128*	*->4A7F*	*[LB_4A7F]*
108		4CE6	0FC	RCR 10	rotate to C<7:4>

109			4CE7	158	M=C ALL	preserve in M
110			4CE8	1FD	?NC XQ	Get Function Code
111			4CE9	128	->4A7F	[LB_4A7F]
112			4CEA	10A	A=C PT<-	place in A<3:0>
113			4CEB	198	C=M ALL	recover fcn. Code
114			4CEC	0AA	A<>C PT<-	add the offset adr
115			4CED	158	M=C ALL	preserve in M
116			4CEE	14C	?FSET 6	
117			4CEF	**02B**	**JNC +05**	LB_4CF4
118		LB_4CF0	4CF0	04E	C=0 ALL	
119			4CF1	085	?NC XQ	sets primitive in C<3:0>
120			4CF2	130	->4C21	[EN_4C21]
121			4CF3	01B	JNC +03	LB_4CF6
122		LB_4CF4	4CF4	071	?NC XQ	execute "}-COMP"
123			4CF5	130	->4C1C	[LB_4C1C]
124		LB_4CF6	4CF6	198	C=M ALL	recall loaded codes
125			4CF7	07C	RCR 4	rotate "loader" to C<3:0>
126			4CF8	085	?NC XQ	sets primitive in C<3:0>
127			4CF9	130	->4C21	[EN_4C21]
128			4CFA	198	C=M ALL	recall loaded codes
129			4CFB	085	?NC XQ	sets primitive in C<3:0>
130			4CFC	130	->4C21	[EN_4C21]
131			4CFD	13D	?NC XQ	Select FORTH buffer
132			4CFE	120	->484F	[SLCFORTH]
133			4CFF	04E	C=0 ALL	
134			4D00	268	WRIT 9(Q)	
135			4D01	149	?NC XQ	
136			4D02	024	->0952	[ENCP00]
137		LB_4D03	4D03	338	READ 12(b)	
138			4D04	10E	A=C ALL	
139			4D05	261	?NC GO	
140			4D06	12A	->4A98	[EN_4A98]
1		LB_4D07	4D07	1A1	?NC XQ	Load status set9
2			4D08	12C	->4B68	[LDSST9]
3			4D09	30C	?FSET 1	is user flag 20 set?
4			4D0A	3A0	?NC RTN	no, return
5			4D0B	375	?NC XQ	
6			4D0C	1C8	->72DD	[SCHDEV]
7			4D0D	375	?NC XQ	
8	*the lower section is never*		4D0E	1C0	->70DD	[LADr5]
9	*executed - appears F1*		4D0F	130	LDI S&X	
10	*is a back door never set*		4D10	00D	CON:	
11			4D11	099	?NC XQ	
12			4D12	1C4	->7126	[SDATA0]
13	***00D***		4D13	130	LDI S&X	
14	***00A***		4D14	00A	CON:	
15			4D15	0A1	?NC XQ	
16			4D16	1C4	->7128	[SDATA]
17			4D17	0D9	?NC XQ	
18			4D18	1CC	->7336	[UNLCHK]
19			4D19	3E0	RTN	
1	FORTH	FORTH4	4D1A	1D9	?NC XQ	Sets user flag 35 (auto-start)
2	FORTH		4D1B	128	->4A76	[SF_35]
3	FORTH		4D1C	001	?NC GO	
4	FORTH		4D1D	102	->4000	[START]
1	CF_19	CF_19	4D1E	25D	?NC XQ	Load status set0
2	CF_19		4D1F	01C	->0797	[LDSST0]
3			4D20	27C	RCR 9	rotate to group 16-19
4	*clears user flag 19*		4D21	358	ST=C XP	copy to status bits

5			4D22	384	CLRF 0	*clear bit 0*
6	CF_19		4D23	398	C=ST XP	*copy back to C*
7	CF_19		4D24	0BC	RCR 5	*rotate back to default*
8	CF_19		4D25	3A8	WRIT 14(d)	*update user flags*
9	CF_19		4D26	3E0	RTN	*done*
1	*<GAP>*		4D27	*000*	*NOP*	
1		**EN_4D28**	**4D28**	**05C**	**PT= 4**	
2			4D29	010	LD@PT- 0	
3			4D2A	1EA	C=C+C PT<-	
4			4D2B	***02F***	***JC +05***	*LB_4D30*
5			4D2C	05C	PT= 4	
6			4D2D	222	C=C+1 @PT	
7			4D2E	222	C=C+1 @PT	
8			4D2F	3E0	RTN	
9		LB_4D30	4D30	05C	PT= 4	
10			4D31	222	C=C+1 @PT	
11			4D32	3E0	RTN	
1		**EN_4D33**	**4D33**	**29C**	**PT= 7**	
2			4D34	02E	B=0 ALL	
3			4D35	0EA	B<>C PT<-	
4			4D36	0AE	A<>C ALL	
5			4D37	07C	RCR 4	
6			4D38	25C	PT= 9	
7			4D39	04A	C=0 PT<-	
8			4D3A	03C	RCR 3	
9			4D3B	0EE	B<>C ALL	
10			4D3C	00E	A=0 ALL	
11			4D3D	29C	PT= 7	
12			4D3E	*013*	*JNC +02*	*LB_4D40*
13		LB_4D3F	4D3F	12E	A=A+B ALL	
14		LB_4D40	4D40	262	C=C-1 @PT	
15			4D41	***3F3***	***JNC -02***	*LB_4D3F*
16			4D42	3D4	PT=R-1	
17			4D43	3AE	RSHFB ALL	
18			4D44	2D4	?PT= 13	
19			4D45	***3DB***	***JNC -05***	*LB_4D40*
20			4D46	3E0	RTN	
1		**EN_4D47**	**4D47**	**23C**	**RCR 2**	
2			4D48	358	ST=C XP	
3			4D49	37C	RCR 12	
4			4D4A	28C	?FSET 7	
5			4D4B	3A0	?NC RTN	
6			4D4C	10C	?FSET 8	
7			4D4D	*01B*	*JNC +03*	*LB_4D50*
8			4D4E	104	CLRF 8	
9			4D4F	*023*	*JNC +04*	*LB_4D53*
10		LB_4D50	4D50	108	SETF 8	
11		**EN_4D51**	**4D51**	**10C**	**?FSET 8**	
12			4D52	3A0	?NC RTN	
13		LB_4D53	4D53	01C	PT= 3	
14			4D54	28A	C=0-C PT<-	
15			4D55	3E0	RTN	
1		**EN_4D56**	**4D56**	**29C**	**PT= 7**	
2			4D57	02E	B=0 ALL	
3			4D58	0EA	B<>C PT<-	
4			4D59	0AE	A<>C ALL	
5			4D5A	07C	RCR 4	
6			4D5B	25C	PT= 9	
7			4D5C	04A	C=0 PT<-	

8			4D5D	03C	RCR 3	
9			4D5E	0EE	B<>C ALL	
10			4D5F	00E	A=0 ALL	
11			4D60	0AE	A<>C ALL	
12			4D61	2CE	?B#0 ALL	
13			4D62	3A0	?NC RTN	
14			4D63	29C	PT= 7	
15			4D64	*013*	*JNC +02*	*LB_4D66*
16		LB_4D65	4D65	222	C=C+1 @PT	
17		LB_4D66	4D66	18E	A=A-B ALL	
18			4D67	***3F3***	***JNC -02***	*LB_4D65*
19			4D68	12E	A=A+B ALL	
20			4D69	3D4	PT=R-1	
21			4D6A	3AE	RSHFB ALL	
22			4D6B	2D4	?PT= 13	
23			4D6C	***3D3***	***JNC -06***	*LB_4D66*
24			4D6D	3E0	RTN	
1		**LB_4D6E**	**4D6E**	**104**	**CLRF 8**	
2			4D6F	*1F9*	*?NC XQ*	*Set Message flag*
3			4D70	*00C*	*->037E*	*[STMSGF]*
4			4D71	*3C1*	*?NC XQ*	*Enable and Clear Display*
5			4D72	*0B0*	*->2CF0*	*[CLLCDE]*
6			4D73	*1A1*	*?NC XQ*	*Load status set9*
7			4D74	*12C*	*->4B68*	*[LDSST9]*
8			4D75	30C	?FSET 1	is user flag 20 set?
9			4D76	3A0	?NC RTN	no, return
10			4D77	*375*	*?NC XQ*	
11	*the lower section is never*		4D78	*1C8*	*->72DD*	*[SCHDEV]*
12	*executed - appears F1*		4D79	*375*	*?NC XQ*	
13	*is a back door never set*		4D7A	*1C0*	*->70DD*	*[LADr5]*
14			4D7B	130	LDI S&X	
15			4D7C	01E	CON:	
16	***01E***		4D7D	*099*	*?NC XQ*	
17	***03E***		4D7E	*1C4*	*->7126*	*[SDATA0]*
18			4D7F	130	LDI S&X	
19			4D80	03E	CON:	
20			4D81	*0A1*	*?NC XQ*	
21			4D82	*1C4*	*->7128*	*[SDATA]*
22			4D83	*0D9*	*?NC XQ*	
23			4D84	*1CC*	*->7336*	*[UNLCHK]*
24			4D85	3E0	RTN	
1		**LB_4D86**	**4D86**	*149*	*?NC XQ*	*Enable Chip0*
2			4D87	*024*	*->0952*	*[ENCP00]*
3			4D88	*211*	*?NC XQ*	*Reset Sequence*
4			4D89	*00C*	*->0384*	*[RSTSEQ]*
5			4D8A	*3E9*	*?NC GO*	
6			4D8B	*01A*	*->06FA*	*[RAK60]*
1		**LB_4D8C**	**4D8C**	**04E**	**C=0 ALL**	
2			4D8D	*0D5*	*?NC GO*	
3			4D8E	*12A*	*->4A35*	*[LB_4A35]*
1		**LB_4D8F**	**4D8F**	*13D*	*?NC XQ*	*Select FORTH buffer*
2			4D90	*120*	*->484F*	*[SLCFORTH]*
3			4D91	138	READ 4(L)	*read register 0D4*
4			4D92	0FC	RCR 10	
5			4D93	01C	PT= 3	
6			4D94	10A	A=C PT<-	
7			4D95	34A	?A#0 PT<-	
8			4D96	*115*	*?C GO*	
9			4D97	*12B*	*->4A45*	*[EN_4A45]*

10			4D98	3E0	RTN	
1	???	????	4D99	*25D*	*?NC XQ*	*Load status set0*
2	???		4D9A	*01C*	*->0797*	*[LDSST0]*
3	???		4D9B	*0F1*	*?NC GO*	
4	???		4D9C	*04E*	*->133C*	*[AON]*
1		**USRALP**	**4D9D**	**3B8**	**READ 14(d)**	*read user flags*
2			4D9E	2BC	RCR 7	*rotate to group 24-27*
3			4D9F	358	ST=C XP	*copy to status bits*
4	sets USER mode ON		4DA0	384	CLRF 0	*clear bit 0*
5			4DA1	398	C=ST XP	*copy back to C*
6			4DA2	2BC	RCR 7	*rotate back to default*
7			4DA3	3A8	WRIT 14(d)	*update user flags*
8			4DA4	358	ST=C XP	*restore status bits*
9			4DA5	*0F1*	*?NC GO*	*Sets ALPHA mode ON*
10			4DA6	*04E*	*->133C*	*[AON]*
1		**EN_4DA7**	**4DA7**	*379*	*?NC XQ*	
2			4DA8	*134*	*->4DDE*	*[EN_4DDE]*
3			4DA9	178	READ 5(M)	recall loaded codes
4			4DAA	07C	RCR 4	first position to C<3>0>
5		**EN_4DAB**	**4DAB**	**01C**	**PT= 3**	
6			4DAC	10A	A=C PT<-	
7			4DAD	*329*	*?NC XQ*	*Decrease addr in A<3:0>*
8			4DAE	*0A4*	*->29CA*	*[DECADA]*
9			4DAF	*139*	*?NC XQ*	
10			4DB0	*088*	*->224E*	*[GTLINK]*
11			4DB1	0C4	CLRF 10	
12			4DB2	*0F5*	*?NC XQ*	*Get Primitive Text in B*
13			4DB3	*130*	*->4C3D*	*[LB_4C3D]*
14			4DB4	2EA	?C#0 PT<-	
15			4DB5	3A0	?NC RTN	
16			4DB6	10A	A=C PT<-	
17			4DB7	*0A5*	*?NC XQ*	
18			4DB8	*128*	*->4A29*	*[EN_4A29]*
19			4DB9	*0A5*	*?NC XQ*	
20			4DBA	*128*	*->4A29*	*[EN_4A29]*
21			4DBB	*329*	*?NC XQ*	
22			4DBC	*0A4*	*->29CA*	*[DECADA]*
23			4DBD	0AA	A<>C PT<-	
24			4DBE	3E0	RTN	
1		**EN_4DBF**	**4DBF**	*13D*	*?NC XQ*	*Select FORTH buffer*
2			4DC0	*120*	*->484F*	*[SLCFORTH]*
3			4DC1	*07D*	*?NC XQ*	
4			4DC2	*12C*	*->4B1F*	*[LB_4B1F]*
5			4DC3	*0E5*	*?NC GO*	
6			4DC4	*12E*	*->4B39*	*[LB_4B39]*
1		**LB_4DC5**	**4DC5**	*13D*	*?NC XQ*	*Select FORTH buffer*
2			4DC6	*120*	*->484F*	*[SLCFORTH]*
3			4DC7	0F8	READ 3(X)	
4			4DC8	13C	RCR 8	
5			4DC9	01C	PT= 3	
6			4DCA	10A	A=C PT<-	
7			4DCB	*329*	*?NC XQ*	
8			4DCC	*0A4*	*->29CA*	*[DECADA]*
9			4DCD	0AA	A<>C PT<-	
10			4DCE	17C	RCR 6	
11			4DCF	0E8	WRIT 3(X)	
12			4DD0	*2ED*	*?NC GO*	
13			4DD1	*0A6*	*->29BB*	*[GTBYTA]*
1		**LB_4DD2**	**4DD2**	*13D*	*?NC XQ*	*Select FORTH buffer*

2		4DD3	*120*	*->484F*	*[SLCFORTH]*
3		4DD4	0F8	READ 3(X)	
4		4DD5	13C	RCR 8	
5		4DD6	01C	PT= 3	
6		4DD7	10A	A=C PT<-	
7		4DD8	*359*	*?NC XQ*	
8		4DD9	*0A4*	*->29D6*	*[INCADA]*
9		4DDA	0AA	A<>C PT<-	
10		4DDB	17C	RCR 6	
11		4DDC	0E8	WRIT 3(X)	
12		4DDD	3E0	RTN	
1	**EN_4DDE**	**4DDE**	**388**	**SETF 0**	
2		4DDF	*315*	*?NC XQ*	
3		4DE0	*134*	*->4DC5*	*[LB_4DC5]*
4		4DE1	106	A=C S&X	
5		4DE2	016	A=0 XS	
6		4DE3	130	LDI S&X	
7		4DE4	020	CON:	
8		4DE5	366	?A#C S&X	
9		4DE6	*329*	*?C GO*	
10		4DE7	*12B*	*->4ACA*	*[FORK6]*
11	LB_4DE8	4DE8	*315*	*?NC XQ*	
12		4DE9	*134*	*->4DC5*	*[LB_4DC5]*
13		4DEA	39C	PT= 0	
14		4DEB	058	G=C @PT,+	
15		4DEC	106	A=C S&X	
16		4DED	016	A=0 XS	
17		4DEE	*149*	*?NC XQ*	
18		4DEF	*024*	*->0952*	*[ENCP00]*
19		4DF0	130	LDI S&X	
20		4DF1	***020***	***" "***	*space chr*
21		4DF2	366	?A#C S&X	
22		4DF3	***063***	***JNC +0C***	LB_4DFF
23		4DF4	346	?A#0 S&X	
24		4DF5	***053***	***JNC +0A***	LB_4DFF
25		4DF6	38C	?FSET 0	
26		4DF7	***02B***	***JNC +05***	LB_4DFC
27		4DF8	*385*	*?NC XQ*	
28		4DF9	*01C*	*->07E1*	*[INTARG]*
29		4DFA	384	CLRF 0	
30		4DFB	***36B***	***JNC -13***	LB_4DE8
31	LB_4DFC	4DFC	*051*	*?NC XQ*	
32		4DFD	*0B4*	*->2D14*	*[APNDNW]*
33		4DFE	***353***	***JNC -16***	LB_4DE8
34	LB_4DFF	4DFF	*349*	*?NC XQ*	
35		4E00	*134*	*->4DD2*	*[LB_4DD2]*
36		4E01	*2F1*	*?NC XQ*	
37		4E02	*100*	*->40BC*	*[EN_40BC]*
38		4E03	278	READ 9(Q)	
39		4E04	070	N=C ALL	
40		4E05	3E0	RTN	
1	**EN_4E06**	**4E06**	**0E6**	**B<>C S&X**	
2		4E07	*13D*	*?NC XQ*	*Select FORTH buffer*
3		4E08	*120*	*->484F*	*[SLCFORTH]*
4		4E09	1B8	READ 6)N	
5		4E0A	23C	RCR 2	
6		4E0B	10E	A=C ALL	
7		4E0C	01C	PT= 3	
8		4E0D	0C6	C=B S&X	

9			4E0E	*08D*	*?NC XQ*	
10			4E0F	*08C*	*->2323*	*[PTBYTA]*
11			4E10	*329*	*?NC XQ*	
12			4E11	*0A4*	*->29CA*	*[DECADA]*
13			4E12	*13D*	*?NC XQ*	
14			4E13	*120*	*->484F*	*[SELCHP]*
15			4E14	0AE	A<>C ALL	
16			4E15	37C	RCR 12	
17			4E16	1A8	WRIT 6(N)	
18			4E17	3E0	RTN	
1		**EN_4E18**	**4E18**	*13D*	*?NC XQ*	*Select FORTH buffer*
2			4E19	*120*	*->484F*	*[SLCFORTH]*
3			4E1A	178	READ 5(M)	
4			4E1B	13C	RCR 8	
5			4E1C	01C	PT= 3	
6			4E1D	10A	A=C PT<-	
7			4E1E	*329*	*?NC XQ*	
8			4E1F	*0A4*	*->29CA*	*[DECADA]*
9			4E20	*139*	*?NC XQ*	
10			4E21	*088*	*->224E*	*[GTLINK]*
11			4E22	158	M=C ALL	
12			4E23	*019*	*?NC XQ*	
13			4E24	*138*	*->4E06*	*[EN_4E06]*
14			4E25	04E	C=0 ALL	
15			4E26	1D8	C<>M ALL	
16			4E27	23C	RCR 2	
17			4E28	*019*	*?NC XQ*	
18			4E29	*138*	*->4E06*	*[EN_4E06]*
19			4E2A	23C	RCR 2	
20			4E2B	10A	A=C PT<-	
21			4E2C	2F8	READ 11(a)	
22			4E2D	0AA	A<>C PT<-	
23			4E2E	2E8	WRIT 11(a)	
24			4E2F	000	NOP	
25			4E30	*315*	*?NC XQ*	
26			4E31	*134*	*->4DC5*	*[LB_4DC5]*
27			4E32	106	A=C S&X	
28			4E33	016	A=0 XS	
29			4E34	130	LDI S&X	
30			4E35	020	CON:	
31			4E36	366	?A#C S&X	
32			4E37	*329*	*?C GO*	
33			4E38	*12B*	*->4ACA*	*[FORK6]*
1	*<GAP>*		4E39	*000*	*NOP*	
1	???	LB_4E3A	4E3A	*315*	*?NC XQ*	
2	???		4E3B	*134*	*->4DC5*	*[LB_4DC5]*
3	???		4E3C	056	C=0 XS	
4	???		4E3D	106	A=C S&X	
5	???		4E3E	2E6	?C#0 S&X	
6	???		4E3F	***06B***	***JNC +0D***	LB_4E4C
7	???		4E40	130	LDI S&X	
8	???		4E41	020	CON:	
9	???		4E42	366	?A#C S&X	
10	???		4E43	***04B***	***JNC +09***	*LB_4E4C*
11	???		4E44	198	C=M ALL	
12	???		4E45	23A	C=C+1 M	
13	???		4E46	158	M=C ALL	
14	???		4E47	0A6	A<>C S&X	
15	???		4E48	3D8	C<>ST XP	

16	???		4E49	*019*	*?NC XQ*	
17	???		4E4A	*138*	*->4E06*	*[EN_4E06]*
18	???		4E4B	***37B***	***JNC -11***	*LB_4E3A*
19	???	LB_4E4C	4E4C	288	SETF 7	
20	???		4E4D	3D8	C<>ST XP	
21	???		4E4E	*019*	*?NC XQ*	
22	???		4E4F	*138*	*->4E06*	*[EN_4E06]*
23	???		4E50	*349*	*?NC XQ*	
24	???		4E51	*134*	*->4DD2*	*[LB_4DD2]*
25	???		4E52	2F8	READ 11(a)	
26	???		4E53	10A	A=C PT<-	
27	???		4E54	198	C=M ALL	
28	???		4E55	03C	RCR 3	
29	???		4E56	3D8	C<>ST XP	
30	???		4E57	288	SETF 7	
31	???		4E58	088	SETF 5	
32	???		4E59	3D8	C<>ST XP	
33	???		4E5A	*08D*	*?NC GO*	
34	???		4E5B	*08E*	*->2323*	*[PTBYTA]*
35		**EN_4E5C**	**4E5C**	*13D*	*?NC XQ*	*Select FORTH buffer*
36			4E5D	*120*	*->484F*	*[SLCFORTH]*
37			4E5E	1B8	READ 6(N)	
38			4E5F	23C	RCR 2	
39			4E60	01C	PT= 3	
40			4E61	10A	A=C PT<-	
41			4E62	238	READ 8(P)	
42			4E63	17C	RCR 6	
43			4E64	0AA	A<>C PT<-	
44			4E65	13C	RCR 8	
45			4E66	228	WRIT 8(P)	
46			4E67	3E0	RTN	
1	BLIP11	**BLIP11**	**4E68**	**1BC**	**RCR 11**	
2	BLIP11		4E69	1E2	C=C+C @PT	
3	BLIP11		4E6A	0AA	A<>C PT<-	
4	BLIP11		4E6B	3E0	RTN	
1	WRITOK	**APND_K**	**4E6C**	130	LDI S&X	
2	WRITOK		4E6D	04B	***"K"***	*in ALPHA form*
3			4E6E	*2D9*	*?NC XQ*	*Append to DISPL*
4	*second part of routine*		4E6F	*124*	*->49B6*	*[APNCHR]*
5	WRITOK		4E70	*13D*	*?NC GO*	*Select FORTH buffer*
6	WRITOK		4E71	*122*	*->484F*	*[SLCFORTH]*
1		**LB_4E72**	**4E72**	*13D*	*?NC XQ*	*Select FORTH buffer*
2			4E73	*120*	*->484F*	*[SLCFORTH]*
3			4E74	138	READ 4(L)	
4			4E75	23C	RCR 2	
5			4E76	01C	PT= 3	
6			4E77	10A	A=C PT<-	
7			4E78	34A	?A#0 PT<-	
8			4E79	*115*	*?C XQ*	
9			4E7A	*129*	*->4A45*	*[EN_4A45]*
10			4E7B	*049*	*?NC GO*	
11			4E7C	*102*	*->4012*	*[ABORT]*
1		**EN_4E7D**	**4E7D**	**198**	**C=M ALL**	
2			4E7E	10A	A=C PT<-	
3			4E7F	*13D*	*?NC XQ*	*Select FORTH buffer*
4			4E80	*120*	*->484F*	*[SLCFORTH]*
5			4E81	1B8	READ 6(N)	
6			4E82	23C	RCR 2	
7			4E83	*34D*	*?NC XQ*	

8			4E84	*0A4*	*->29D3*	*[INCAD2]*
9			4E85	0AA	A<>C PT<-	
10			4E86	37C	RCR 12	
11			4E87	1A8	WRIT 6(N)	
12			4E88	198	C=M ALL	
13			4E89	10A	A=C PT<-	
14			4E8A	3E0	RTN	
1		**EN_4E8B**	**4E8B**	**23C**	**RCR 2**	
2			4E8C	358	ST=C XP	
3			4E8D	37C	RCR 12	
4			4E8E	28C	?FSET 7	
5			4E8F	*2D9*	*?NC GO*	
6			4E90	*106*	*->41B6*	*[EN_41B6]*
7			4E91	28A	C=0-C PT<-	
8			4E92	*2D9*	*?C XQ*	
9			4E93	*105*	*->41B6*	*[EN_41B6]*
10			4E94	286	C=0-C S&X	
11			4E95	2E2	?C#0 @PT	
12			4E96	3A0	?NC RTN	
13			4E97	282	C=0-C @PT	
14			4E98	262	C=C-1 @PT	
15			4E99	262	C=C-1 @PT	
16			4E9A	266	C=C-1 S&X	
17			4E9B	3E0	RTN	
1	FEX	**FEX2**	**4E9C**	*149*	*?NC XQ*	
2	FEX		4E9D	*024*	*->0952*	*[ENCP00]*
3	FEX		4E9E	238	READ 8(P)	
4	FEX		4E9F	17C	RCR 6	
5	FEX		4EA0	29C	PT= 7	
6	FEX		4EA1	04A	C=0 PT<-	
7	FEX		4EA2	13C	RCR 8	
8	FEX		4EA3	228	WRIT 8(P)	
9	FEX	**FEX4**	**4EA4**	**178**	**READ 5(M)**	
10	FEX		4EA5	37C	RCR 12	
11	FEX		4EA6	31C	PT= 1	
12	FEX		4EA7	10E	A=C ALL	
13	FEX		4EA8	1B8	READ 6(N)	
14	FEX		4EA9	37C	RCR 12	
15	FEX		4EAA	0AA	A<>C PT<-	
16	FEX		4EAB	1A8	WRIT 6(N)	
17	FEX		4EAC	1F8	READ 7(O)	
18	FEX		4EAD	37C	RCR 12	
19	FEX		4EAE	0AA	A<>C PT<-	
20	FEX		4EAF	1E8	WRIT 7(O)	
21	FEX		4EB0	238	READ 8(P)	
22	FEX		4EB1	37C	RCR 12	
23	FEX		4EB2	0AA	A<>C PT<-	
24	FEX		4EB3	228	WRIT 8(P)	
25	FEX		4EB4	0AE	A<>C ALL	
26	FEX		4EB5	168	WRIT 5(M)	
27	FEX		4EB6	3E0	RTN	
1		**EN_4EB7**	**4EB7**	**31C**	**PT= 1**	
2			4EB8	178	READ 5(M)	
3			4EB9	10E	A=C ALL	
4			4EBA	1B8	READ 6(N)	
5			4EBB	0AA	A<>C PT<-	
6			4EBC	0AE	A<>C ALL	
7			4EBD	23C	RCR 2	
8			4EBE	168	WRIT 5(M)	

9			4EBF	1F8	READ 7(O)	
10			4EC0	0AA	A<>C PT<-	
11			4EC1	0AE	A<>C ALL	
12			4EC2	23C	RCR 2	
13			4EC3	1A8	WRIT 6(N)	
14			4EC4	238	READ 8(P)	
15			4EC5	0AA	A<>C PT<-	
16			4EC6	0AE	A<>C ALL	
17			4EC7	23C	RCR 2	
18			4EC8	1E8	WRIT 7(O)	
19			4EC9	0AE	A<>C ALL	
20			4ECA	23C	RCR 2	
21			4ECB	228	WRIT 8(P)	
22			4ECC	3E0	RTN	
1	*<GAP>*		4ECD	*000*	*NOP*	
2	*<GAP>*		4ECE	*000*	*NOP*	
3	*<GAP>*		4ECF	*000*	*NOP*	
4	*<GAP>*		4ED0	*000*	*NOP*	
5	*<GAP>*		4ED1	*000*	*NOP*	
6	*<GAP>*		4ED2	*000*	*NOP*	
7	*<GAP>*		4ED3	*000*	*NOP*	
8	*<GAP>*		4ED4	*000*	*NOP*	
9	*<GAP>*		4ED5	*000*	*NOP*	
10	*<GAP>*		4ED6	*000*	*NOP*	
11	*<GAP>*		4ED7	*000*	*NOP*	
12	*<GAP>*		4ED8	*000*	*NOP*	
13	*<GAP>*		4ED9	*000*	*NOP*	
14	*<GAP>*		4EDA	*000*	*NOP*	
15	*<GAP>*		4EDB	*000*	*NOP*	
16	*<GAP>*		4EDC	*000*	*NOP*	
17	*<GAP>*		4EDD	*000*	*NOP*	
18	*<GAP>*		4EDE	*000*	*NOP*	
19	*<GAP>*		4EDF	*000*	*NOP*	
1		**EN_4EE0**	**4EE0**	*291*	*?NC XQ*	
2			4EE1	*12C*	*->4BA4*	*[LB_4BA4]*
3		LB_4EE2	4EE2	130	LDI S&X	
4			4EE3	004	CON:	
5			4EE4	366	?A#C S&X	
6			4EE5	3A0	?NC RTN	
7			4EE6	046	C=0 S&X	
8			4EE7	*08D*	*?NC XQ*	
9			4EE8	*08C*	*->2323*	*[PTBYTA]*
10			4EE9	*359*	*?NC XQ*	
11			4EEA	*0A4*	*->29D6*	*[INCADA]*
12			4EEB	***3BB***	***JNC -09***	*LB_4EE2*
1		**CHP0M**	**4EEC**	*149*	*?NC XQ*	
2			4EED	*024*	*->0952*	*[ENCP00]*
3			4EEE	178	READ 5(M)	
4			4EEF	3E0	RTN	
1		**EN_4EF0**	**4EF0**	*13D*	*?NC XQ*	*Select FORTH buffer*
2			4EF1	*120*	*->484F*	*[SLCFORTH]*
3			4EF2	2F8	READ 11(a)	
4			4EF3	05C	PT= 4	
5			4EF4	042	C=0 @PT	
6			4EF5	2CC	?FSET 13	
7			4EF6	*013*	*JNC +02*	*LB_4EF8*
8			4EF7	262	C=C-1 @PT	
9		LB_4EF8	4EF8	2E8	WRIT 11(a)	
10			4EF9	*03D*	*?NC GO*	

11			4EFA	*126*	*->490F*	*[LB_490F]*
1		LB_4EFB	4EFB	*079*	*?NC XQ*	*Clears User flag 19*
2			4EFC	*134*	*->4D1E*	*[CF_19]*
3			4EFD	*0A5*	*?NC GO*	
4			4EFE	*102*	*->4029*	*[LB_4029]*
1	*<GAP>*		4EFF	*000*	*NOP*	
1	KBDMAP	KBDMAP	4F00	041	*"A"*	
2	KBDMAP		4F01	046	*"F"*	
3	KBDMAP		4F02	008	SHIFT	
4	KBDMAP		4F03	04E	*"N"*	
5	KBDMAP		4F04	051	*"Q"*	
6	KBDMAP		4F05	055	*"U"*	
7	KBDMAP		4F06	059	*"Y"*	
8	KBDMAP		4F07	03A	*":"*	
9	KBDMAP		4F08	040	*"@"*	
10	KBDMAP		4F09	026	*"S"*	
11	KBDMAP		4F0A	008	SHIFT	
12	KBDMAP		4F0B	05E	*"^"*	
13	KBDMAP		4F0C	02D	*"-"*	
14	KBDMAP		4F0D	02B	*"+"*	
15	KBDMAP		4F0E	02A	*"*"*	
16	KBDMAP		4F0F	02F	*"/"*	
17	KBDMAP		4F10	042	*"B"*	
18	KBDMAP		4F11	047	*"G"*	
19	KBDMAP		4F12	04B	*"K"*	
20	KBDMAP		4F13	04E	*"N"*	
21	KBDMAP		4F14	052	*"R"*	
22	KBDMAP		4F15	056	*"V"*	
23	KBDMAP		4F16	05A	*"Z"*	
24	KBDMAP		4F17	00A	*" "*	
25	KBDMAP		4F18	021	*" !"*	
26	KBDMAP		4F19	025	*"%"*	
27	KBDMAP		4F1A	03B	*";"*	
28	KBDMAP		4F1B	05E	*"^"*	
29	KBDMAP		4F1C	037	*"7"*	
30	KBDMAP		4F1D	034	*"4"*	
31	KBDMAP		4F1E	031	*"1"*	
32	KBDMAP		4F1F	030	*"0"*	
33	KBDMAP		4F20	043	*"C"*	
34	KBDMAP		4F21	048	*"H"*	
35	KBDMAP		4F22	04C	*"L"*	
36	KBDMAP		4F23	04F	*"O"*	
37	KBDMAP		4F24	053	*"S"*	
38	KBDMAP		4F25	057	*"W"*	
39	KBDMAP		4F26	03D	*"="*	
40	KBDMAP		4F27	02C	*"."*	
41	KBDMAP		4F28	023	*"#"*	
42	KBDMAP		4F29	01D	*</"*	
43	KBDMAP		4F2A	027	*" ' "*	
44	KBDMAP		4F2B	022	*" " "*	
45	KBDMAP		4F2C	038	*"8"*	
46	KBDMAP		4F2D	035	*"5"*	
47	KBDMAP		4F2E	032	*"2"*	
48	KBDMAP		4F2F	02E	*","*	
49	KBDMAP		4F30	044	*"D"*	
50	KBDMAP		4F31	049	*"I"*	
51	KBDMAP		4F32	04D	*"M"*	
52	KBDMAP		4F33	050	*"P"*	
53	KBDMAP		4F34	054	*"T"*	

54	KBDMAP		4F35	058	"X"	
55	KBDMAP		4F36	03F	"?"	
56	KBDMAP		4F37	00C	R/S	
57	KBDMAP		4F38	028	"("	
58	KBDMAP		4F39	03C	"<"	
59	KBDMAP		4F3A	05B	"["	
60	KBDMAP		4F3B	024	"$"	
61	KBDMAP		4F3C	039	"9"	
62	KBDMAP		4F3D	036	"6"	
63	KBDMAP		4F3E	033	"3"	
64	KBDMAP		4F3F	00C	R/S	
65	KBDMAP		4F40	045	"E"	
66	KBDMAP		4F41	04A	"J"	
67	KBDMAP		4F42	05C	"\"	
68	KBDMAP		4F43	00E	CLX/A	
69	KBDMAP		4F44	006	ALPHA	
70	KBDMAP		4F45	004	PRGM	
71	KBDMAP		4F46	002	USER	
72	KBDMAP		4F47	000	ON	
73	KBDMAP		4F48	029	")"	
74	KBDMAP		4F49	03E	">"	
75	KBDMAP		4F4A	05D	"]"	
76	KBDMAP		4F4B	000	ON	
77	KBDMAP		4F4C	006	ALPHA	
78	KBDMAP		4F4D	004	PRGM	
79	KBDMAP		4F4E	002	USER	
80	KBDMAP		4F4F	000	NOP	
1	CONTROL	CLX/A	4F50	225	?NC GO	Clears command line
2	CONTROL		4F51	102	->4089	[CLRCMD]
3	CONTROL	USER	4F52	199	?NC GO	Toggle USER mode
4	CONTROL		4F53	102	->4066	[USER]
5	CONTROL	PRGM	4F54	121	?NC GO	Surrogate of program
6	CONTROL		4F55	106	->4148	[CNTROL]
7	CONTROL	ALPHA	4F56	1A5	?NC GO	Toggle Alpha Mode
8	CONTROL		4F57	102	->4069	[ALPHA]
9	CONTROL	SHIFT	4F58	18D	?NC GO	Toggle SHIFT
10	CONTROL		4F59	102	->4063	[SHIFT]
11	CONTROL	LASTX	4F5A	0A9	?NC GO	the "PRINT" command
12	CONTROL		4F5B	106	->412A	[FPRINT]
13	CONTROL	R/S	4F5C	21D	?NC GO	Parse Command Line
14	CONTROL		4F5D	106	->4187	[PARSE]
15	CONTROL	BCKARW	4F5E	001	?NC GO	Deletes character
16	CONTROL		4F5F	106	->4100	[DELCHR]
1	CTLADR	CTLADR	4F60	0A9	NULL	no zero-length words
2			4F61	0E7	#	thread-1
3	here we have the start for		4F62	0F1	<#	thread-2
4	each thread, one thread for		4F63	0DE	BYE	thread-3
5	each word length (!)		4F64	0FD	EMIT	thread-4
6			4F65	0D3	SPACE	thread-5
7	each byte is pre-fixed w/ "47"		4F66	0C6	NEGATE	thread-6
8	to form the goto address.		4F67	0B8	0BRANCH	thread-7
9	There the text string will be read,		4F68	095	VARIABLE	thread-8
10	followed by 2 sets of fcn. codes		4F69	0A6	IMMEDIATE	thread-9
11	plus one "type".		4F6A	085	VOCABULARY	thread-10
12			4F6B	073	DEFINITIONS	thread-11
13	CTLADR		4F6C	0A9	NULL	future use
14	CTLADR		4F6D	0A9	NULL	future use
15	CTLADR		4F6E	0A9	NULL	future use
16	CTLADR		4F6F	0A9	NULL	future use

1	ERRMSG	STKFULL	4F70	008	*Direct - 8 chrs.*	
2	ERRMSG		4F71	053	***"S"***	
3	ERRMSG		4F72	054	***"T"***	
4	ERRMSG		4F73	04B	***"K"***	
5	ERRMSG		4F74	020	***" "***	*"STK FULL"*
6	ERRMSG		4F75	046	***"F"***	
7	ERRMSG		4F76	055	***"U"***	
8	ERRMSG		4F77	04C	***"L"***	
9	ERRMSG		4F78	04C	***"L"***	
10	ERRMSG	COMPERR	4F79	008	*Direct - 8 chrs.*	
11	ERRMSG		4F7A	*043*	***"C"***	
12	ERRMSG		4F7B	*04F*	***"O"***	
13	ERRMSG		4F7C	*04D*	***"M"***	
14	ERRMSG		4F7D	*050*	***"P"***	*"COMP ERR"*
15	ERRMSG		4F7E	*020*	***" "***	
16	ERRMSG		4F7F	*045*	***"E"***	
17	ERRMSG		4F80	*052*	***"R"***	
18	ERRMSG		4F81	*052*	***"R"***	
19	ERRMSG	ENDBUF	4F82	009	*Direct - 9 chrs.*	
20	ERRMSG		4F83	*045*	***"E"***	
21	ERRMSG		4F84	*04E*	***"N"***	
22	ERRMSG		4F85	*044*	***"D"***	
23	ERRMSG		4F86	*020*	***" "***	
24	ERRMSG		4F87	*04F*	***"O"***	*"END OF BF"*
25	ERRMSG		4F88	*046*	***"F"***	
26	ERRMSG		4F89	*020*	***" "***	
27	ERRMSG		4F8A	*042*	***"B"***	
28	ERRMSG		4F8B	*046*	***"F"***	
29	ERRMSG	REDNLY	4F8C	009	*Direct - 9 chrs.*	
30	ERRMSG		4F8D	*052*	***"R"***	
31	ERRMSG		4F8E	*045*	***"E"***	
32	ERRMSG		4F8F	*041*	***"A"***	
33	ERRMSG		4F90	*044*	***"D"***	
34	ERRMSG		4F91	*020*	***" "***	*"READ ONLY"*
35	ERRMSG		4F92	*04F*	***"O"***	
36	ERRMSG		4F93	*04E*	***"N"***	
37	ERRMSG		4F94	*04C*	***"L"***	
38	ERRMSG		4F95	*059*	***"Y"***	
39	ERRMSG	STKEMP	4F96	009	*Direct - 9 chrs.*	
40	ERRMSG		4F97	*053*	***"S"***	
41	ERRMSG		4F98	*054*	***"T"***	
42	ERRMSG		4F99	*04B*	***"K"***	
43	ERRMSG		4F9A	*020*	***" "***	
44	ERRMSG		4F9B	*045*	***"E"***	*"STK EMPTY"*
45	ERRMSG		4F9C	*04D*	***"M"***	
46	ERRMSG		4F9D	*050*	***"P"***	
47	ERRMSG		4F9E	*054*	***"T"***	
48	ERRMSG		4F9F	*059*	***"Y"***	
49	ERRMSG	NOTEND	4FA0	009	*Direct - 9 chrs.*	
50	ERRMSG		4FA1	*04E*	***"N"***	
51	ERRMSG		4FA2	*04F*	***"O"***	
52	ERRMSG		4FA3	*054*	***"T"***	
53	ERRMSG		4FA4	*020*	***" "***	
54	ERRMSG		4FA5	*045*	***"E"***	*"NOT ENDED"*
55	ERRMSG		4FA6	*04E*	***"N"***	
56	ERRMSG		4FA7	*044*	***"D"***	
57	ERRMSG		4FA8	*045*	***"E"***	
58	ERRMSG		4FA9	*044*	***"D"***	
1	PRIMTV		4FAA	000	NUMERIC	

2	PRIMTV		4FAB	0A2	*fcn. Code: A2:66*	
3	PRIMTV		4FAC	066	**FCT: "TYPE"**	
4	PRIMTV		4FAD	000	*adt to return:*	
5	PRIMTV		4FAE	000	Main FAT	
80	PRIMTV	*Header*	4FAF	*0C5*	***"E"***	
81	PRIMTV	*Header*	4FB0	*050*	***"P"***	*"TYPE"*
82	PRIMTV	*Header*	4FB1	*059*	***"Y"***	
83	PRIMTV	*Header*	4FB2	*054*	***"T"***	
84	PRIMTV	**TYPE**	**4FB3**	**0A4**	***<4-Chrs.>***	
85	PRIMTV		4FB4	04F	*Next pointer:*	
86	PRIMTV		4FB5	0BF	*4FBF - "HOLD"*	
87	PRIMTV		4FB6	000	NUMERIC	
88	PRIMTV		4FB7	0A2	*fcn. Code: A2:51*	
89	PRIMTV		4FB8	051	**FCT: "}-EXP"**	
90	PRIMTV		4FB9	001	*adt to return:*	
91	PRIMTV		4FBA	072	*"p172"*	
92	PRIMTV	*Header*	4FBB	*0C4*	***"D"***	
93	PRIMTV	*Header*	4FBC	*04C*	***"L"***	*"HOLD"*
94	PRIMTV	*Header*	4FBD	*04F*	***"O"***	
95	PRIMTV	*Header*	4FBE	*048*	***"H"***	
96	PRIMTV	**HOLD**	**4FBF**	**0A4**	***<4-Chrs.>***	
97	PRIMTV		4FC0	04F	*Next pointer:*	
98	PRIMTV		4FC1	0CB	*4FCB - "SIGN"*	
99	PRIMTV		4FC2	000	NUMERIC	
100	PRIMTV		4FC3	0A2	*fcn. Code: A2:51*	
101	PRIMTV		4FC4	051	**FCT: "}-EXP"**	
102	PRIMTV		4FC5	001	*adt to return:*	
103	PRIMTV		4FC6	07D	*"p17D"*	
104	PRIMTV	*Header*	4FC7	*0CE*	***"N"***	
105	PRIMTV	*Header*	4FC8	*047*	***"G"***	*"SIGN"*
106	PRIMTV	*Header*	4FC9	*049*	***"I"***	
107	PRIMTV	*Header*	4FCA	*053*	***"S"***	
108	PRIMTV	**SIGN**	**4FCB**	**0A4**	***<4-Chrs.>***	
109	PRIMTV		4FCC	042	*Next pointer:*	
110	PRIMTV		4FCD	045	*4245 - "DROP"*	
111	PRIMTV		4FCE	000	NUMERIC	
112	PRIMTV		4FCF	0A2	*fcn. Code: A2:51*	
113	PRIMTV		4FD0	051	**FCT: "}-EXP"**	
114	PRIMTV		4FD1	001	*adt to return:*	
115	PRIMTV		4FD2	06A	*"p16A"*	
116	PRIMTV	*Header*	4FD3	*0D3*	***"S"***	*"#S"*
117	PRIMTV	*Header*	4FD4	*023*	***"#"***	
118	PRIMTV	**#S**	**4FD5**	**0A2**	***<2-Chrs.>***	
119	PRIMTV		4FD6	04F	*Next pointer:*	
120	PRIMTV		4FD7	0DF	*4FDF - "#>"*	
121	PRIMTV		4FD8	000	NUMERIC	
122	PRIMTV		4FD9	0A2	*fcn. Code: A2:51*	
123	PRIMTV		4FDA	051	**FCT: "}-EXP"**	
124	PRIMTV		4FDB	001	*adt to return:*	
125	PRIMTV		4FDC	086	*"p186"*	
126	PRIMTV	*Header*	4FDD	*0BE*	***">"***	*"#>"*
127	PRIMTV	*Header*	4FDE	*023*	***"#"***	
128	PRIMTV	**#>**	**4FDF**	**0A2**	***<2-Chrs.>***	
129	PRIMTV		4FE0	04F	*Next pointer:*	
130	PRIMTV		4FE1	0F2	*4FF2 - "U}-"*	
131	PRIMTV		4FE2	000	NUMERIC	
132	PRIMTV		4FE3	0A2	*fcn. Code: A2:63*	
133	PRIMTV		4FE4	063	**FCT: "}-"**	
134	PRIMTV		4FE5	000	*adt to return:*	

135	PRIMTV		4FE6	000	Main FAT	
136	PRIMTV	*Header*	4FE7	*0AE*	***"}-"***	*" }-"*
137	PRIMTV	**}-**	**4FE8**	**0A1**	***<1-Chr>.***	
138	PRIMTV		4FE9	042	*Next pointer:*	
139	PRIMTV		4FEA	066	*4266 - "+"*	
140	PRIMTV		4FEB	000	NUMERIC	
141	PRIMTV		4FEC	0A2	*fcn. Code: A2:64*	
142	PRIMTV		4FED	064	**FCT: "U}-"**	
143	PRIMTV		4FEE	000	*adt to return:*	
144	PRIMTV		4FEF	000	Main FAT	
145	PRIMTV	*Header*	4FF0	*0AE*	***"}-"***	*"U}-"*
146	PRIMTV	*Header*	4FF1	*055*	***"U"***	
147	PRIMTV	**U}-**	**4FF2**	**0A2**	***<2-Chrs.>***	
148	PRIMTV		4FF3	042	*Next pointer:*	
149	PRIMTV		4FF4	0C1	*42C1 - "C@"*	
1	*<GAP>*		4FF5	*000*	*NOP*	
2	*<GAP>*		4FF6	*000*	*NOP*	
3	*<GAP>*		4FF7	*000*	*NOP*	
4	*<GAP>*		4FF8	*000*	*NOP*	
5	*<GAP>*		4FF9	*000*	*NOP*	
6	*<GAP>*		4FFA	*000*	*NOP*	
1			4FFB	***0B5***	***"5"***	
2			4FFC	***030***	***"0"***	
3			4FFD	***016***	***"V"***	
4			4FFE	***013***	***"S"***	
5			4FFF	044	.CHKSUM 044	