

#	Function	Segment	Address	Code	Mnemonic	Comment
1	MAIN	START	4000	25D	?NC XQ	
2	MAIN		4001	01C	->0797	[LDSST0]
3	MAIN		4002	0BC	RCR 5	"38000000000341"
4	MAIN		4003	358	ST=C XP	
5	MAIN		4004	38C	?FSET 0	coming from "FORTH"?
6	MAIN		4005	3A0	?NC RTN	no, bail out!
7	MAIN		4006	0FC	RCR 10	yes, undo rotation
8	MAIN		4007	358	ST=C XP	"00000004313800"
9	MAIN		4008	08C	?FSET 5	
10	MAIN		4009	360	?C RTN	yes, bail out!
11	MAIN		400A	275	?NC XQ	
12	MAIN		400B	134	->4D9D	[LB 4D9D]
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	ENTRY1	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	EN_401B	401B	3C9	?NC XQ	
29	MAIN		401C	124	->49F2	[EN 49F2]
30	MAIN	ENTRY2	401D	2B1	?NC XQ	write "OK" in LCD
31	MAIN		401E	124	->49AC	[LB 49AC]
32	MAIN		401F	138	READ 4(L)	
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	
50	MAIN		4031	3B8	READ 14(d)	
51	MAIN		4032	27C	RCR 9	
52	MAIN		4033	358	ST=C XP	
53	MAIN		4034	3D9	?NC XQ	
54	MAIN		4035	01C	->07F6	[ENLCD]
55	MAIN		4036	38C	?FSET 0	
56	MAIN		4037	02B	JNC +05	LB_403C
57	MAIN		4038	141	?NC XQ	Partial Entry Sequence
58	MAIN		4039	038	->0E50	[NEXT]

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]
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	
75	MAIN	LB_404A	404A	149 ?NC XQ		
76	MAIN		404B	024 ->0952		[ENCP00]
77	MAIN		404C	125 ?NC XQ		
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	
95	MAIN		405E	039 ?NC XQ		
96	MAIN		405F	0B4 ->2D0E		[APPEND]
97	MAIN		4060	2E1 ?NC XQ		
98	MAIN		4061	124 ->49B8		[EN_49B8]
99	MAIN		4062	26B	JNC -33	LB_402F
100	MAIN	CNNCT1	4063	395 ?NC XQ		
101	MAIN		4064	07C ->1FE5		[TOGSHF]
102	MAIN		4065	033	JNC +06	LB_406B
103	MAIN	CONNECT	4066	1BD ?NC XQ		
104	MAIN		4067	100 ->406F		[EN_406F]
105	MAIN		4068	01B	JNC +03	LB_406B
106	MAIN	CNNCT2	4069	1F5 ?NC XQ		
107	MAIN		406A	100 ->407D		[EN_407D]
108	MAIN	LB_406B	406B	171 ?NC XQ		
109	MAIN		406C	01C ->075C		[ANNOUT]
110	MAIN		406D	0B5 ?NC GO		
111	MAIN		406E	102 ->402D		[MAINLP]
1		EN_406F	406F	046 C=0 S&X		
2			4070	270	RAMSLCT	
3			4071	3B8	READ 14(d)	
4			4072	2BC	RCR 7	
5			4073	358	ST=C XP	
6			4074	38C	?FSET 0	

7		4075	01B	JNC +03		LB_4078
8		4076	384	CLRF 0		
9		4077	013	JNC +02		LB_4079
10	LB_4078	4078	388	SETF 0		
11	LB_4079	4079	398	C=ST XP		
12		407A	2BC	RCR 7		
13		407B	3A8	WRIT 14(d)		
14		407C	3E0	RTN		
1	EN_407D	407D	046	C=0 S&X		
2		407E	270	RAMSLCT		
3		407F	3B8	READ 14(d)		
4		4080	358	ST=C XP		
5		4081	28C	?FSET 7		
6		4082	01B	JNC +03		LB_4085
7		4083	284	CLRF 7		
8		4084	013	JNC +02		LB_4086
9	LB_4085	4085	288	SETF 7		
10	LB_4086	4086	398	C=ST XP		
11		4087	3A8	WRIT 14(d)		
12		4088	3E0	RTN		
1	LB_4089	4089	125	?NC XQ		
2		408A	01C	->0749		[OFSHFT]
3		408B	3C1	?NC XQ		
4		408C	0B0	->2CF0		[CLLCDE]
5		408D	1B9	?NC XQ		
6		408E	12C	->4B6E		[EN 4B6E]
7		408F	3ED	?NC GO		
8		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	LB_4100	4100	178	READ 5(M)	
2		4101	31C	PT= 1	
3		4102	2EA	?C#0 PT<-	
4		4103	0B5	?NC GO	
5		4104	102	->402D	[MAINLP]
6		4105	262	C=C-1 @PT	
7		4106	262	C=C-1 @PT	
8		4107	2EA	?C#0 PT<-	
9		4108	01F	JC +03	LB_410B
10		4109	248	SETF 9	
11		410A	013	JNC +02	LB_410C
12	LB_410B	410B	244	CLRF 9	
13	LB_410C	410C	399	?NC XQ	
14		410D	100	->40E6	[ABACK]
15		410E	108	SETF 8	
16		410F	041	?NC XQ	
17		4110	0B0	->2C10	[ARGOUT]
18		4111	13D	?NC XQ	Select FORTH buffer
19		4112	120	->484F	[SLCFORTH]
20		4113	24C	?FSET 9	
21		4114	023	JNC +04	LB_4118
22		4115	245	?NC XQ	
23		4116	100	->4091	[LB_4091]
24		4117	063	JNC +0C	LB_4123
25	LB_4118	4118	278	READ 9(Q)	
26		4119	27E	C=C-1 MS	
27		411A	11E	A=C MS	
28		411B	2DC	PT= 13	
29		411C	190	LD@PT- 6	
30		411D	31E	?A<C MS	
31		411E	01B	JNC +03	LB_4121
32		411F	3CA	RSHFC PT<-	
33		4120	3CA	RSHFC PT<-	
34	LB_4121	4121	0BE	A<>C MS	
35		4122	268	WRIT 9(Q)	
36	LB_4123	4123	225	?NC XQ	
37		4124	12C	->4B89	[EN_4B89]
38		4125	149	?NC XQ	Partial Entry Sequence

39		4126	038	->0E52	[NEXT00]
40		4127	000	NOP	do nothing if back-arrow
41		4128	0FD	?NC GO	
42		4129	102	->403F	[LB_403F]
1		412A	125	?NC XQ	
2		412B	01C	->0749	[OFSHFT]
3		412C	178	READ 5(M)	
4		412D	31C	PT= 1	
5		412E	2EA	?C#0 PT<-	
6		412F	0B5	?NC GO	
7		4130	102	->402D	[MAINLP]
8		4131	262	C=C-1 @PT	
9		4132	262	C=C-1 @PT	
10		4133	2EA	?C#0 PT<-	
11		4134	3DB	JNC -05	LB_412F
12		4135	2E0	DSPOFF	
13		4136	13D	?NC XQ	Select FORTH buffer
14		4137	120	->484F	[SLCFORTH]
15		4138	278	READ 9(Q)	
16		4139	070	N=C ALL	
17		413A	1ED	?NC XQ	
18		413B	130	->4C7B	[EN_4C7B]
19		413C	320	DSPTOG	
20		413D	13D	?NC XQ	Select FORTH buffer
21		413E	120	->484F	[SLCFORTH]
22		413F	278	READ 9(Q)	
23		4140	2EE	?C#0 ALL	
24		4141	377	JC -12	LB_412F
25		4142	130	LDI S&X	
26		4143	020	CON:	
27		4144	39C	PT= 0	
28		4145	058	G=C @PT,+	
29		4146	171	?NC GO	
30		4147	102	->405C	[RESUME]
1	CNTRL	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	OFF	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	OCB	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		Seletc 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		
57	CNTRL	4180	134	->4D1E		[LB 4D1E]
58	CNTRL	4181	000	NOP		
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		LB_4187	4187	125 ?NC XQ		
2		4188	01C	->0749		[OFSHFT]
3		4189	178	READ 5(M)		
4		418A	31C	PT= 1		
5		418B	2EA	?C#0 PT<-		
6		418C	143	JNC +28		LB_41B4
7		418D	262	C=C-1 @PT		
8		418E	262	C=C-1 @PT		
9		418F	2EA	?C#0 PT<-		
10		4190	07B	JNC +0F		LB_419F
11		4191	2E0	DSPOFF		
12		4192	13D	?NC XQ		Select FORTH buffer
13		4193	120	->484F		[SLCFORTH]
14		4194	278	READ 9(Q)		
15		4195	070	N=C ALL		
16		4196	1ED	?NC XQ		
17		4197	130	->4C7B		[EN 4C7B]
18		4198	13D	?NC XQ		Select FORTH buffer
19		4199	120	->484F		[SLCFORTH]
20		419A	278	READ 9(Q)		
21		419B	320	DSPTOG		

22		419C	2EE	?C#0 ALL	
23		419D	0B5	?C GO	
24		419E	103	->402D	[MAINLP]
25	LB_419F	419F	399	?NC XQ	
26		41A0	124	->49E6	[EN_49E6]
27		41A1	046	C=0 S&X	
28		41A2	0B9	?NC XQ	
29		41A3	130	->4C2E	[EN_4C2E]
30		41A4	290	LD@PT- A	
31		41A5	090	LD@PT- 2	"}EXB" fcn. Code
32		41A6	110	LD@PT- 4	"A24F"
33		41A7	3D0	LD@PT- F	
34		41A8	085	?NC XQ	
35		41A9	130	->4C21	[EN_4C21]
36		41AA	0BD	?NC XQ	
37		41AB	120	->482F	[EN_482F]
38		41AC	0F8	READ 3(X)	
39		41AD	01C	PT= 3	
40		41AE	10A	A=C PT<-	
41		41AF	0B1	?NC XQ	
42		41B0	08C	->232C	[PUTPCD]
43		41B1	10E	A=C ALL	
44		41B2	115	?NC XQ	
45		41B3	128	->4A45	[EN_4A45]
46	LB_41B4	41B4	075	?NC GO	
47		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	OCC	?FSET 10	
6	???	41D3	323	JNC -1C	LB_41B7
7	???	41D4	3E0	RTN	
8	???	41D5	OAE	A<>C ALL	
9	???	41D6	10E	A=C ALL	

10	???		41D7	0CC	?FSET 10	
11	???		41D8	360	?C RTN	
12	???		41D9	29D	?NC GO	
13	???		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	<GAP>		4226	000	NOP	
1	PRIMTV		4227	0A2		
2	PRIMTV		4228	05E		
3	PRIMTV		4229	000		
4	PRIMTV		422A	000		
5	PRIMTV		422B	0D0	"P"	
6	PRIMTV		422C	055	"U"	"DUP"
7	PRIMTV		422D	044	"D"	
8	PRIMTV		422E	0A3		
9	PRIMTV		422F	042		
10	PRIMTV		4230	039		
11	PRIMTV		4231	000		
12	PRIMTV		4232	0A2		
13	PRIMTV		4233	062		
14	PRIMTV		4234	000		
15	PRIMTV		4235	000		
16	PRIMTV		4236	0D4	"T"	
17	PRIMTV		4237	04F	"O"	"ROT"
18	PRIMTV		4238	052	"R"	
19	PRIMTV		4239	0A3		
20	PRIMTV		423A	043		
21	PRIMTV		423B	04E		
22	PRIMTV		423C	000		
23	PRIMTV		423D	0A2		
24	PRIMTV		423E	05F		
25	PRIMTV		423F	000		
26	PRIMTV		4240	000		
27	PRIMTV		4241	0D0	"P"	
28	PRIMTV		4242	04F	"O"	"DROP"
29	PRIMTV		4243	052	"R"	
30	PRIMTV		4244	044	"D"	
31	PRIMTV		4245	0A4		
32	PRIMTV		4246	042		
33	PRIMTV		4247	051		
34	PRIMTV		4248	000		
35	PRIMTV		4249	0A2		
36	PRIMTV		424A	060		
37	PRIMTV		424B	000		
38	PRIMTV		424C	000		

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

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

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

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

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

334	PRIMTV	4374	07B		
335	PRIMTV	4375	000		
336	PRIMTV	4376	000		
337	PRIMTV	4377	0C4	"D"	"AND"
338	PRIMTV	4378	04E	"N"	
339	PRIMTV	4379	041	"A"	
340	PRIMTV	437A	0A3		
341	PRIMTV	437B	043		
342	PRIMTV	437C	085		
343	PRIMTV	437D	000		
344	PRIMTV	437E	0A2		
345	PRIMTV	437F	07D		
346	PRIMTV	4380	000		
347	PRIMTV	4381	000		
348	PRIMTV	4382	0D4	"T"	"NOT"
349	PRIMTV	4383	04F	"O"	
350	PRIMTV	4384	04E	"N"	
351	PRIMTV	4385	0A3		
352	PRIMTV	4386	044		
353	PRIMTV	4387	05F		
354	PRIMTV	4388	000		
355	PRIMTV	4389	0A2		
356	PRIMTV	438A	06E		
357	PRIMTV	438B	000		
358	PRIMTV	438C	000		
359	PRIMTV	438D	0C4	"D"	"/MOD"
360	PRIMTV	438E	04F	"O"	
361	PRIMTV	438F	04D	"M"	
362	PRIMTV	4390	02F	"/"	
363	PRIMTV	4391	0A4		
364	PRIMTV	4392	043		
365	PRIMTV	4393	0AB		
366	PRIMTV	4394	000		
367	PRIMTV	4395	0A2		
368	PRIMTV	4396	07E		
369	PRIMTV	4397	000		
370	PRIMTV	4398	000		
371	PRIMTV	4399	0C8	"H"	"BRANCH"
372	PRIMTV	439A	043	"C"	
373	PRIMTV	439B	04E	"N"	
374	PRIMTV	439C	041	"A"	
375	PRIMTV	439D	052	"R"	
376	PRIMTV	439E	042	"B"	
377	PRIMTV	439F	0A6		
378	PRIMTV	43A0	043		
379	PRIMTV	43A1	0F0		
380	PRIMTV	43A2	000		
381	PRIMTV	43A3	0A2		
382	PRIMTV	43A4	051		
383	PRIMTV	43A5	003		
384	PRIMTV	43A6	08B		
385	PRIMTV	43A7	0C4	"D"	"FIND"
386	PRIMTV	43A8	04E	"N"	
387	PRIMTV	43A9	049	"I"	
388	PRIMTV	43AA	046	"F"	
389	PRIMTV	43AB	0A4		
390	PRIMTV	43AC	043		
391	PRIMTV	43AD	0E2		
392	PRIMTV	43AE	001		

393	PRIMTV		43AF	0A2	
394	PRIMTV		43B0	051	
395	PRIMTV		43B1	003	
396	PRIMTV		43B2	08B	
397	PRIMTV		43B3	0A7	""
398	PRIMTV		43B4	0A1	
399	PRIMTV		43B5	043	
400	PRIMTV		43B6	0BD	
401	PRIMTV		43B7	000	
402	PRIMTV		43B8	0A2	
403	PRIMTV		43B9	051	
404	PRIMTV		43BA	005	
405	PRIMTV		43BB	01D	
406	PRIMTV		43BC	0AC	"{"
407	PRIMTV		43BD	0A1	
408	PRIMTV		43BE	043	
409	PRIMTV		43BF	0F9	
410	PRIMTV		43C0	000	
411	PRIMTV		43C1	0A2	
412	PRIMTV		43C2	051	
413	PRIMTV		43C3	005	
414	PRIMTV		43C4	019	
415	PRIMTV		43C5	0AC	"{"
416	PRIMTV		43C6	043	"C"
417	PRIMTV		43C7	0A2	
418	PRIMTV		43C8	044	
419	PRIMTV		43C9	04A	
420	PRIMTV		43CA	000	
421	PRIMTV		43CB	0A2	
422	PRIMTV		43CC	051	
423	PRIMTV		43CD	003	
424	PRIMTV		43CE	09B	
425	PRIMTV		43CF	0C5	"E"
426	PRIMTV		43D0	04C	"L"
427	PRIMTV		43D1	049	"I"
428	PRIMTV		43D2	050	"P"
429	PRIMTV		43D3	04D	"M"
430	PRIMTV		43D4	04F	"O"
431	PRIMTV		43D5	043	"C"
432	PRIMTV		43D6	0A7	
433	PRIMTV		43D7	044	
434	PRIMTV		43D8	031	
435	PRIMTV		43D9	000	
436	PRIMTV		43DA	0A2	
437	PRIMTV		43DB	051	
438	PRIMTV		43DC	003	
439	PRIMTV		43DD	0AF	
440	PRIMTV		43DE	0CC	"L"
441	PRIMTV		43DF	052	"R"
442	PRIMTV		43E0	054	"T"
443	PRIMTV		43E1	043	"C"
444	PRIMTV		43E2	0A4	
445	PRIMTV		43E3	044	
446	PRIMTV		43E4	08C	
447	PRIMTV		43E5	000	
448	PRIMTV		43E6	0A2	
449	PRIMTV		43E7	051	
450	PRIMTV		43E8	003	
451	PRIMTV		43E9	0C7	

452	PRIMTV	43EA	0C5	"E"	"CREATE"
453	PRIMTV	43EB	054	"T"	
454	PRIMTV	43EC	041	"A"	
455	PRIMTV	43ED	045	"E"	
456	PRIMTV	43EE	052	"R"	
457	PRIMTV	43EF	043	"C"	
458	PRIMTV	43F0	0A6		
459	PRIMTV	43F1	044		
460	PRIMTV	43F2	022		
461	PRIMTV	43F3	001		
462	PRIMTV	43F4	0A2		
463	PRIMTV	43F5	051		
464	PRIMTV	43F6	004		
465	PRIMTV	43F7	003		
466	PRIMTV	43F8	0BA	starburst	
467	PRIMTV	43F9	0A1		
468	PRIMTV	43FA	044		
469	PRIMTV	43FB	002		
470	PRIMTV	43FC	000		
471	PRIMTV	43FD	0A2		
472	PRIMTV	43FE	051		
473	PRIMTV	43FF	004		
474	PRIMTV	4400	027		
475	PRIMTV	4401	0DD	"J"	"J"
476	PRIMTV	4402	0A1		
477	PRIMTV	4403	044		
478	PRIMTV	4404	00B		
479	PRIMTV	4405	000		
480	PRIMTV	4406	0A2		
481	PRIMTV	4407	04B		
482	PRIMTV	4408	049		
483	PRIMTV	4409	0F2		
484	PRIMTV	440A	0DB	"I"	"I"
485	PRIMTV	440B	0E1		
486	PRIMTV	440C	044		
487	PRIMTV	440D	014		
488	PRIMTV	440E	000		
489	PRIMTV	440F	0A2		
490	PRIMTV	4410	051		
491	PRIMTV	4411	004		
492	PRIMTV	4412	02F		
493	PRIMTV	4413	0BB	","	
494	PRIMTV	4414	0E1		
495	PRIMTV	4415	045		
496	PRIMTV	4416	006		
497	PRIMTV	4417	001		
498	PRIMTV	4418	0A2		
499	PRIMTV	4419	051		
500	PRIMTV	441A	004		
501	PRIMTV	441B	081		
502	PRIMTV	441C	0D4	"T"	"FORGET"
503	PRIMTV	441D	045	"E"	
504	PRIMTV	441E	047	"G"	
505	PRIMTV	441F	052	"R"	
506	PRIMTV	4420	04F	"O"	
507	PRIMTV	4421	046	"F"	
508	PRIMTV	4422	0A6		
509	PRIMTV	4423	045		
510	PRIMTV	4424	043		

511	PRIMTV	4425	000	
512	PRIMTV	4426	0A2	
513	PRIMTV	4427	051	
514	PRIMTV	4428	004	
515	PRIMTV	4429	0B3	
516	PRIMTV	442A	0D4 "T"	"CONTEXT"
517	PRIMTV	442B	058 "X"	
518	PRIMTV	442C	045 "E"	
519	PRIMTV	442D	054 "T"	
520	PRIMTV	442E	04E "N"	
521	PRIMTV	442F	04F "O"	
522	PRIMTV	4430	043 "C"	
523	PRIMTV	4431	0A7	
524	PRIMTV	4432	044	
525	PRIMTV	4433	040	
526	PRIMTV	4434	000	
527	PRIMTV	4435	0A2	
528	PRIMTV	4436	051	
529	PRIMTV	4437	004	
530	PRIMTV	4438	0B6	
531	PRIMTV	4439	0D4 "T"	"CURRENT"
532	PRIMTV	443A	04E "N"	
533	PRIMTV	443B	045 "E"	
534	PRIMTV	443C	052 "R"	
535	PRIMTV	443D	052 "R"	
536	PRIMTV	443E	055 "U"	
537	PRIMTV	443F	043 "C"	
538	PRIMTV	4440	0A7	
539	PRIMTV	4441	044	
540	PRIMTV	4442	0C1	
541	PRIMTV	4443	000	
542	PRIMTV	4444	0A2	
543	PRIMTV	4445	051	
544	PRIMTV	4446	004	
545	PRIMTV	4447	0A4	
546	PRIMTV	4448	0B0 "O"	"SO"
547	PRIMTV	4449	053 "S"	
548	PRIMTV	444A	0A2	
549	PRIMTV	444B	044	
550	PRIMTV	444C	054	
551	PRIMTV	444D	000	
552	PRIMTV	444E	0A2	
553	PRIMTV	444F	051	
554	PRIMTV	4450	004	
555	PRIMTV	4451	0A7	
556	PRIMTV	4452	0B0 "O"	"RO"
557	PRIMTV	4453	052 "R"	
558	PRIMTV	4454	0A2	
559	PRIMTV	4455	045	
560	PRIMTV	4456	010	
561	PRIMTV	4457	000	
562	PRIMTV	4458	0A2	
563	PRIMTV	4459	051	
564	PRIMTV	445A	004	
565	PRIMTV	445B	0A1	
566	PRIMTV	445C	0C4 "D"	"PAD"
567	PRIMTV	445D	041 "A"	
568	PRIMTV	445E	050 "P"	
569	PRIMTV	445F	0A3	

570	PRIMTV	4460	044	
571	PRIMTV	4461	06A	
572	PRIMTV	4462	000	
573	PRIMTV	4463	0A2	
574	PRIMTV	4464	051	
575	PRIMTV	4465	004	
576	PRIMTV	4466	0AF	
577	PRIMTV	4467	0CE "N"	"+IN"
578	PRIMTV	4468	049 "I"	
579	PRIMTV	4469	03E "t"	
580	PRIMTV	446A	0A3	
581	PRIMTV	446B	044	
582	PRIMTV	446C	075	
583	PRIMTV	446D	000	
584	PRIMTV	446E	0A2	
585	PRIMTV	446F	051	
586	PRIMTV	4470	004	
587	PRIMTV	4471	0AA	
588	PRIMTV	4472	0C0 "P"	"PPS"
589	PRIMTV	4473	050 "P"	
590	PRIMTV	4474	053 "S"	
591	PRIMTV	4475	0A3	
592	PRIMTV	4476	044	
593	PRIMTV	4477	080	
594	PRIMTV	4478	000	
595	PRIMTV	4479	0A2	
596	PRIMTV	447A	051	
597	PRIMTV	447B	004	
598	PRIMTV	447C	0AD	
599	PRIMTV	447D	0C0 "P"	"PPR"
600	PRIMTV	447E	050 "P"	
601	PRIMTV	447F	052 "R"	
602	PRIMTV	4480	0A3	
603	PRIMTV	4481	044	
604	PRIMTV	4482	0E4	
605	PRIMTV	4483	000	
606	PRIMTV	4484	0A2	
607	PRIMTV	4485	051	
608	PRIMTV	4486	004	
609	PRIMTV	4487	09E	
610	PRIMTV	4488	0C5 "E"	"HERE"
611	PRIMTV	4489	052 "R"	
612	PRIMTV	448A	045 "E"	
613	PRIMTV	448B	048 "H"	
614	PRIMTV	448C	0A4	
615	PRIMTV	448D	044	
616	PRIMTV	448E	098	
617	PRIMTV	448F	000	
618	PRIMTV	4490	0A2	
619	PRIMTV	4491	051	
620	PRIMTV	4492	004	
621	PRIMTV	4493	0B1	
622	PRIMTV	4494	0C5 "E"	"ASE"
623	PRIMTV	4495	053 "S"	
624	PRIMTV	4496	041 "A"	
625	PRIMTV	4497	042	
626	PRIMTV	4498	0A4	
627	PRIMTV	4499	044	
628	PRIMTV	449A	0CD	

629	PRIMTV	449B	000		
630	PRIMTV	449C	0A2		
631	PRIMTV	449D	051		
632	PRIMTV	449E	004		
633	PRIMTV	449F	0D5		
634	PRIMTV	44A0	0CC	"L"	"OCTAL"
635	PRIMTV	44A1	041	"A"	
636	PRIMTV	44A2	054	"T"	
637	PRIMTV	44A3	043	"C"	
638	PRIMTV	44A4	04F	"O"	
639	PRIMTV	44A5	0A5		
640	PRIMTV	44A6	044		
641	PRIMTV	44A7	0B2		
642	PRIMTV	44A8	000		
643	PRIMTV	44A9	0A2		
644	PRIMTV	44AA	04B		
645	PRIMTV	44AB	040		
646	PRIMTV	44AC	012		
647	PRIMTV	44AD	0D4	"T"	"ABORT"
648	PRIMTV	44AE	052	"R"	
649	PRIMTV	44AF	04F	"O"	
650	PRIMTV	44B0	042	"B"	
651	PRIMTV	44B1	041	"A"	
652	PRIMTV	44B2	0A5		
653	PRIMTV	44B3	044		
654	PRIMTV	44B4	0FD		
655	PRIMTV	44B5	000		
656	PRIMTV	44B6	0A2		
657	PRIMTV	44B7	051		
658	PRIMTV	44B8	004		
659	PRIMTV	44B9	0D9		
660	PRIMTV	44BA	0CC	"L"	"DECIMAL"
661	PRIMTV	44BB	041	"A"	
662	PRIMTV	44BC	04D	"M"	
663	PRIMTV	44BD	049	"I"	
664	PRIMTV	44BE	043	"C"	
665	PRIMTV	44BF	045	"E"	
666	PRIMTV	44C0	044	"D"	
667	PRIMTV	44C1	0A7		
668	PRIMTV	44C2	045		
669	PRIMTV	44C3	02A		
670	PRIMTV	44C4	000		
671	PRIMTV	44C5	0A2		
672	PRIMTV	44C6	051		
673	PRIMTV	44C7	005		
674	PRIMTV	44C8	0BD		
675	PRIMTV	44C9	0D4	"T"	"EXIT"
676	PRIMTV	44CA	049	"I"	
677	PRIMTV	44CB	058	"X"	
678	PRIMTV	44CC	045	"E"	
679	PRIMTV	44CD	0E4		
680	PRIMTV	44CE	044		
681	PRIMTV	44CF	0D9		
682	PRIMTV	44D0	000		
683	PRIMTV	44D1	0A2		
684	PRIMTV	44D2	04B		
685	PRIMTV	44D3	040		
686	PRIMTV	44D4	01B		
687	PRIMTV	44D5	0D4	"T"	

688	PRIMTV	44D6	049	"I"	"QUIT"
689	PRIMTV	44D7	055	"U"	
690	PRIMTV	44D8	051	"Q"	
691	PRIMTV	44D9	0A4		
692	PRIMTV	44DA	044		
693	PRIMTV	44DB	0F0		
694	PRIMTV	44DC	000		
695	PRIMTV	44DD	0A2		
696	PRIMTV	44DE	051		
697	PRIMTV	44DF	004		
698	PRIMTV	44E0	0CE		
699	PRIMTV	44E1	0D8	"X"	"HEX"
700	PRIMTV	44E2	045	"E"	
701	PRIMTV	44E3	048	"H"	
702	PRIMTV	44E4	0A3		
703	PRIMTV	44E5	045		
704	PRIMTV	44E6	01B		
705	PRIMTV	44E7	000		
706	PRIMTV	44E8	0A2		
707	PRIMTV	44E9	051		
708	PRIMTV	44EA	004		
709	PRIMTV	44EB	0E7		
710	PRIMTV	44EC	0CD	"M"	"PARM"
711	PRIMTV	44ED	052	"R"	
712	PRIMTV	44EE	041	"A"	
713	PRIMTV	44EF	050	"P"	
714	PRIMTV	44F0	0E4		
715	PRIMTV	44F1	045		
716	PRIMTV	44F2	080		
717	PRIMTV	44F3	000		
718	PRIMTV	44F4	0A2		
719	PRIMTV	44F5	051		
720	PRIMTV	44F6	004		
721	PRIMTV	44F7	0F0		
722	PRIMTV	44F8	0BE		
723	PRIMTV	44F9	053	"S"	
724	PRIMTV	44FA	045	"E"	
725	PRIMTV	44FB	04F	"O"	
726	PRIMTV	44FC	044	"D"	
727	PRIMTV	44FD	0A5		
728	PRIMTV	44FE	045		
729	PRIMTV	44FF	050		
730	PRIMTV	4500	000		
731	PRIMTV	4501	0A2		
732	PRIMTV	4502	051		
733	PRIMTV	4503	005		
734	PRIMTV	4504	016		
735	PRIMTV	4505	0B0	"0"	"0"
736	PRIMTV	4506	0A1		
737	PRIMTV	4507	045		
738	PRIMTV	4508	089		
739	PRIMTV	4509	000		
740	PRIMTV	450A	0A2		
741	PRIMTV	450B	051		
742	PRIMTV	450C	003		
743	PRIMTV	450D	091		
744	PRIMTV	450E	0AC	"J-"	"D}-"
745	PRIMTV	450F	044	"D"	
746	PRIMTV	4510	0A2		

747	PRIMTV	4511	045		
748	PRIMTV	4512	074		
749	PRIMTV	4513	000		
750	PRIMTV	4514	0A2		
751	PRIMTV	4515	051		
752	PRIMTV	4516	003		
753	PRIMTV	4517	096		
754	PRIMTV	4518	0AC	"J"	"CDJ-"
755	PRIMTV	4519	044	"D"	
756	PRIMTV	451A	043	"C"	
757	PRIMTV	451B	0A3		
758	PRIMTV	451C	045		
759	PRIMTV	451D	035		
760	PRIMTV	451E	000		
761	PRIMTV	451F	0A2		
762	PRIMTV	4520	051		
763	PRIMTV	4521	005		
764	PRIMTV	4522	025		
765	PRIMTV	4523	0D9	"Y"	"DESTROY"
766	PRIMTV	4524	04F	"O"	
767	PRIMTV	4525	052	"R"	
768	PRIMTV	4526	054	"T"	
769	PRIMTV	4527	053	"S"	
770	PRIMTV	4528	045	"E"	
771	PRIMTV	4529	044	"D"	
772	PRIMTV	452A	0A7		
773	PRIMTV	452B	000		
774	PRIMTV	452C	000		
775	PRIMTV	452D	000		
776	PRIMTV	452E	0A2		
777	PRIMTV	452F	051		
778	PRIMTV	4530	005		
779	PRIMTV	4531	0C9		
780	PRIMTV	4532	0D9	"Y"	"KEY"
781	PRIMTV	4533	045	"E"	
782	PRIMTV	4534	04B	"K"	
783	PRIMTV	4535	0A3		
784	PRIMTV	4536	046		
785	PRIMTV	4537	07B		
786	PRIMTV	4538	000		
787	PRIMTV	4539	0A2		
788	PRIMTV	453A	051		
789	PRIMTV	453B	005		
790	PRIMTV	453C	02A		
791	PRIMTV	453D	0C5	"E"	">-STATE"
792	PRIMTV	453E	054	"T"	
793	PRIMTV	453F	041	"A"	
794	PRIMTV	4540	054	"T"	
795	PRIMTV	4541	053	"S"	
796	PRIMTV	4542	02E	">-"	
797	PRIMTV	4543	0E6		
798	PRIMTV	4544	046		
799	PRIMTV	4545	018		
800	PRIMTV	4546	000		
801	PRIMTV	4547	0A2		
802	PRIMTV	4548	051		
803	PRIMTV	4549	004		
804	PRIMTV	454A	09E		
805	PRIMTV	454B	0CE	"N"	

806	PRIMTV	454C	049	"I"	
807	PRIMTV	454D	047	"G"	"BEGIN"
808	PRIMTV	454E	045	"E"	
809	PRIMTV	454F	042	"B"	
810	PRIMTV	4550	0E5		
811	PRIMTV	4551	045		
812	PRIMTV	4552	05D		
813	PRIMTV	4553	000		
814	PRIMTV	4554	0A2		
815	PRIMTV	4555	051		
816	PRIMTV	4556	005		
817	PRIMTV	4557	036		
818	PRIMTV	4558	0CC	"L"	
819	PRIMTV	4559	049	"I"	"UNTIL"
820	PRIMTV	455A	054	"T"	
821	PRIMTV	455B	04E	"N"	
822	PRIMTV	455C	055	"U"	
823	PRIMTV	455D	0E5		
824	PRIMTV	455E	045		
825	PRIMTV	455F	06A		
826	PRIMTV	4560	000		
827	PRIMTV	4561	0A2		
828	PRIMTV	4562	051		
829	PRIMTV	4563	005		
830	PRIMTV	4564	05E		
831	PRIMTV	4565	0D0	"P"	
832	PRIMTV	4566	04F	"O"	"+LOOP"
833	PRIMTV	4567	04F	"O"	
834	PRIMTV	4568	04C	"L"	
835	PRIMTV	4569	02B	"+"	
836	PRIMTV	456A	0E5		
837	PRIMTV	456B	045		
838	PRIMTV	456C	0A8		
839	PRIMTV	456D	000		
840	PRIMTV	456E	0A2		
841	PRIMTV	456F	051		
842	PRIMTV	4570	005		
843	PRIMTV	4571	079		
844	PRIMTV	4572	0CF	"O"	"DO"
845	PRIMTV	4573	044	"D"	
846	PRIMTV	4574	0E2		
847	PRIMTV	4575	045		
848	PRIMTV	4576	0BB		
849	PRIMTV	4577	000		
850	PRIMTV	4578	0A2		
851	PRIMTV	4579	051		
852	PRIMTV	457A	005		
853	PRIMTV	457B	058		
854	PRIMTV	457C	0D0	"P"	"LOOP"
855	PRIMTV	457D	04F	"O"	
856	PRIMTV	457E	04F	"O"	
857	PRIMTV	457F	04C	"L"	
858	PRIMTV	4580	0E4		
859	PRIMTV	4581	045		
860	PRIMTV	4582	0D3		
861	PRIMTV	4583	000		
862	PRIMTV	4584	0A2		
863	PRIMTV	4585	051		
864	PRIMTV	4586	005		

865	PRIMTV	4587	0AC	
866	PRIMTV	4588	0C9 "I"	"I"
867	PRIMTV	4589	0A1	
868	PRIMTV	458A	045	
869	PRIMTV	458B	092	
870	PRIMTV	458C	000	
871	PRIMTV	458D	0A2	
872	PRIMTV	458E	051	
873	PRIMTV	458F	005	
874	PRIMTV	4590	0B5	
875	PRIMTV	4591	0CA "J"	"J"
876	PRIMTV	4592	0A1	
877	PRIMTV	4593	045	
878	PRIMTV	4594	09B	
879	PRIMTV	4595	001	
880	PRIMTV	4596	0A2	
881	PRIMTV	4597	04B	
882	PRIMTV	4598	04A	
883	PRIMTV	4599	096	
884	PRIMTV	459A	0A8 "("	"("
885	PRIMTV	459B	0A1	
886	PRIMTV	459C	045	
887	PRIMTV	459D	0B1	
888	PRIMTV	459E	000	
889	PRIMTV	459F	0A2	
890	PRIMTV	45A0	051	
891	PRIMTV	45A1	004	
892	PRIMTV	45A2	0C2	
893	PRIMTV	45A3	0C5 "E"	"LEAVE"
894	PRIMTV	45A4	056 "V"	
895	PRIMTV	45A5	041 "A"	
896	PRIMTV	45A6	045 "E"	
897	PRIMTV	45A7	04C "L"	
898	PRIMTV	45A8	0A5	
899	PRIMTV	45A9	045	
900	PRIMTV	45AA	0F0	
901	PRIMTV	45AB	000	
902	PRIMTV	45AC	0A2	
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906	PRIMTV	45B0	0A9 "J"	"J"
907	PRIMTV	45B1	0A1	
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909	PRIMTV	45B3	000	
910	PRIMTV	45B4	000	
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914	PRIMTV	45B8	0D2	
915	PRIMTV	45B9	0C6 "F"	"IF"
916	PRIMTV	45BA	049 "I"	
917	PRIMTV	45BB	0E2	
918	PRIMTV	45BC	047	
919	PRIMTV	45BD	024	
920	PRIMTV	45BE	000	
921	PRIMTV	45BF	0A2	
922	PRIMTV	45C0	051	
923	PRIMTV	45C1	005	

924	PRIMTV	45C2	0F6		
925	PRIMTV	45C3	0C5	"E"	"ELSE"
926	PRIMTV	45C4	053	"S"	
927	PRIMTV	45C5	04C	"L"	
928	PRIMTV	45C6	045	"E"	
929	PRIMTV	45C7	0E4		
930	PRIMTV	45C8	046		
931	PRIMTV	45C9	04C		
932	PRIMTV	45CA	000		
933	PRIMTV	45CB	0A2		
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935	PRIMTV	45CD	005		
936	PRIMTV	45CE	0DC		
937	PRIMTV	45CF	0CE	"N"	"THEN"
938	PRIMTV	45D0	045	"E"	
939	PRIMTV	45D1	048	"H"	
940	PRIMTV	45D2	054	"T"	
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942	PRIMTV	45D4	045		
943	PRIMTV	45D5	0C7		
944	PRIMTV	45D6	001		
945	PRIMTV	45D7	0A2		
946	PRIMTV	45D8	051		
947	PRIMTV	45D9	006		
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952	PRIMTV	45DE	054	"T"	
953	PRIMTV	45DF	053	"S"	
954	PRIMTV	45E0	04E	"N"	
955	PRIMTV	45E1	04F	"O"	
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959	PRIMTV	45E5	000		
960	PRIMTV	45E6	000		
961	PRIMTV	45E7	0A2		
962	PRIMTV	45E8	051		
963	PRIMTV	45E9	001		
964	PRIMTV	45EA	055		
965	PRIMTV	45EB	0C5	"E"	"ITYPE"
966	PRIMTV	45EC	050	"P"	
967	PRIMTV	45ED	059	"Y"	
968	PRIMTV	45EE	054	"T"	
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973	PRIMTV	45F3	000		
974	PRIMTV	45F4	0A2		
975	PRIMTV	45F5	051		
976	PRIMTV	45F6	006		
977	PRIMTV	45F7	090		
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979	PRIMTV	45F9	04F	"O"	
980	PRIMTV	45FA	04C	"L"	
981	PRIMTV	45FB	04C	"L"	
982	PRIMTV	45FC	041	"A"	

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984	PRIMTV	45FE	046	
985	PRIMTV	45FF	00A	
986	PRIMTV	4600	000	
987	PRIMTV	4601	0A2	
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989	PRIMTV	4603	005	
990	PRIMTV	4604	0D2	
991	PRIMTV	4605	0C5	"E"
992	PRIMTV	4606	04C	"L"
993	PRIMTV	4607	049	"I"
994	PRIMTV	4608	048	"H"
995	PRIMTV	4609	057	"W"
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997	PRIMTV	460B	046	
998	PRIMTV	460C	033	
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1006	PRIMTV	4614	045	"E"
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1008	PRIMTV	4616	045	"E"
1009	PRIMTV	4617	052	"R"
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1014	PRIMTV	461C	0A2	
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1016	PRIMTV	461E	000	
1017	PRIMTV	461F	000	
1018	PRIMTV	4620	0D4	"T"
1019	PRIMTV	4621	049	"I"
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1021	PRIMTV	4623	045	"E"
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1031	PRIMTV	462D	05C	
1032	PRIMTV	462E	0D4	"T"
1033	PRIMTV	462F	04E	"N"
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1035	PRIMTV	4631	04F	"O"
1036	PRIMTV	4632	043	"C"
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1039	PRIMTV	4635	040	
1040	PRIMTV	4636	000	
1041	PRIMTV	4637	0A2	

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1043	PRIMTV	4639	007	
1044	PRIMTV	463A	06B	
1045	PRIMTV	463B	0C5 "E"	"CMOVE"
1046	PRIMTV	463C	056 "V"	
1047	PRIMTV	463D	04F "O"	
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1049	PRIMTV	463F	043 "C"	
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1057	PRIMTV	4647	086	
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1061	PRIMTV	464B	057 "W"	
1062	PRIMTV	464C	0A4	
1063	PRIMTV	464D	046	
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1065	PRIMTV	464F	001	
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1071	PRIMTV	4655	04C "L"	
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1076	PRIMTV	465A	064	
1077	PRIMTV	465B	000	
1078	PRIMTV	465C	0A2	
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1081	PRIMTV	465F	000	
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1083	PRIMTV	4661	04F "O"	
1084	PRIMTV	4662	054 "T"	
1085	PRIMTV	4663	046 "F"	
1086	PRIMTV	4664	0A4	
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1091	PRIMTV	4669	049	
1092	PRIMTV	466A	000	
1093	PRIMTV	466B	000	
1094	PRIMTV	466C	0C6 "F"	"XTOF"
1095	PRIMTV	466D	04F "O"	
1096	PRIMTV	466E	054 "T"	
1097	PRIMTV	466F	058 "X"	
1098	PRIMTV	4670	0A4	
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1100	PRIMTV	4672	087	

1101	PRIMTV	4673	001	
1102	PRIMTV	4674	0A2	
1103	PRIMTV	4675	051	
1104	PRIMTV	4676	009	
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1106	PRIMTV	4678	0C1 "A"	"EDA"
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1108	PRIMTV	467A	045 "E"	
1109	PRIMTV	467B	0A3	
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1111	PRIMTV	467D	0AD	
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1115	PRIMTV	4681	009	
1116	PRIMTV	4682	01A	
1117	PRIMTV	4683	0D7 "W"	"GROW"
1118	PRIMTV	4684	04F "O"	
1119	PRIMTV	4685	052 "R"	
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1122	PRIMTV	4688	046	
1123	PRIMTV	4689	0F4	
1124	PRIMTV	468A	000	
1125	PRIMTV	468B	0A2	
1126	PRIMTV	468C	050	
1127	PRIMTV	468D	009	
1128	PRIMTV	468E	05F	
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1130	PRIMTV	4690	04C "L"	
1131	PRIMTV	4691	049 "I"	
1132	PRIMTV	4692	046 "F"	
1133	PRIMTV	4693	052 "R"	
1134	PRIMTV	4694	043 "C"	
1135	PRIMTV	4695	0A6	
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1137	PRIMTV	4697	000	
1138	PRIMTV	4698	001	
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1145	PRIMTV	469F	041 "A"	
1146	PRIMTV	46A0	04F "O"	
1147	PRIMTV	46A1	04C "L"	
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1158	PRIMTV	46AC	04D "M"	
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1166	PRIMTV	46B4	0B9	
1167	PRIMTV	46B5	0AD	"-"
1168	PRIMTV	46B6	031	"1"
1169	PRIMTV	46B7	04D	"M"
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1179	PRIMTV	46C1	032	"2"
1180	PRIMTV	46C2	04D	"M"
1181	PRIMTV	46C3	0A3	
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1191	PRIMTV	46CD	04D	"M"
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1196	PRIMTV	46D2	0A2	
1197	PRIMTV	46D3	051	
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1201	PRIMTV	46D7	041	"A"
1202	PRIMTV	46D8	04C	"L"
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1205	PRIMTV	46DB	0A5	
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1211	PRIMTV	46E1	00B	
1212	PRIMTV	46E2	0E7	
1213	PRIMTV	46E3	0C7	"G"
1214	PRIMTV	46E4	041	"A"
1215	PRIMTV	46E5	04C	"L"
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1225	PRIMTV	46EF	0EC	
1226	PRIMTV	46F0	0C7	"G"
1227	PRIMTV	46F1	041	"A"
1228	PRIMTV	46F2	04C	"L"
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1230	PRIMTV	46F4	0A4	
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1234	PRIMTV	46F8	0A2	
1235	PRIMTV	46F9	051	
1236	PRIMTV	46FA	00B	
1237	PRIMTV	46FB	0F7	
1238	PRIMTV	46FC	0C1	"A"
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1240	PRIMTV	46FE	050	"P"
1241	PRIMTV	46FF	04C	"L"
1242	PRIMTV	4700	041	"A"
1243	PRIMTV	4701	0A5	
1244	PRIMTV	4702	047	
1245	PRIMTV	4703	00E	
1246	PRIMTV	4704	000	
1247	PRIMTV	4705	0A2	
1248	PRIMTV	4706	051	
1249	PRIMTV	4707	00C	
1250	PRIMTV	4708	0B4	
1251	PRIMTV	4709	0C6	"F"
1252	PRIMTV	470A	055	"U"
1253	PRIMTV	470B	042	"B"
1254	PRIMTV	470C	052	"R"
1255	PRIMTV	470D	043	"C"
1256	PRIMTV	470E	0A5	
1257	PRIMTV	470F	000	
1258	PRIMTV	4710	000	
1259	PRIMTV	4711	000	
1260	PRIMTV	4712	0A2	
1261	PRIMTV	4713	051	
1262	PRIMTV	4714	00D	
1263	PRIMTV	4715	00C	
1264	PRIMTV	4716	0B0	
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1266	PRIMTV	4718	055	"U"
1267	PRIMTV	4719	042	"B"
1268	PRIMTV	471A	0A4	
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1270	PRIMTV	471C	000	
1271	PRIMTV	471D	000	
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1273	PRIMTV	471F	04B	
1274	PRIMTV	4720	049	
1275	PRIMTV	4721	0E6	
1276	PRIMTV	4722	0D2	"R"
1277	PRIMTV	4723	043	"C"

"CR"

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1287		4769	04E		"S"
1288		476A	04F		"N"
1289		476B	049		"O"
1290		476C	054		"I"
1291		476D	049		"T"
1292		476E	04E		"I"
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1294		4770	046		"I"
1295		4771	045		"F"
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1306		477C	052		"Y"
1307		477D	041		"R"
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1321		478B	006		
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1324		478E	04C		"E"
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1326		4790	041		"B"
1327		4791	049		"A"
1328		4792	052		"I"
1329		4793	041		"R"
1330		4794	056		"A"
1331		4795	0A8		"V"
1332		4796	045		
1333		4797	0E3		
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1341	479F	041 "A"	
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1344	47A2	045 "E"	
1345	47A3	04D "M"	
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1355	47AD	0A2	
1356	47AE	07F	
1357	47AF	000	
1358	47B0	000	
1359	47B1	0C8 "H"	"OBRANCH"
1360	47B2	043 "C"	
1361	47B3	04E "N"	
1362	47B4	041 "A"	
1363	47B5	052 "R"	
1364	47B6	042 "B"	
1365	47B7	030 "O"	
1366	47B8	0A7	
1367	47B9	043	
1368	47BA	0D6	
1369	47BB	000	
1370	47BC	0A2	
1371	47BD	070	
1372	47BE	000	
1373	47BF	000	
1374	47C0	0C5 "E"	"NEGATE"
1375	47C1	054 "T"	
1376	47C2	041 "A"	
1377	47C3	047 "G"	
1378	47C4	045 "E"	
1379	47C5	04E "N"	
1380	47C6	0A6	
1381	47C7	043	
1382	47C8	09F	
1383	47C9	000	
1384	47CA	0A2	
1385	47CB	051	
1386	47CC	001	
1387	47CD	0D5	
1388	47CE	0C5 "E"	"SCAPE"
1389	47CF	043 "C"	
1390	47D0	041 "A"	
1391	47D1	050 "P"	
1392	47D2	053 "S"	
1393	47D3	0A5	
1394	47D4	044	

1395		47D5	0A5		
1396		47D6	000		
1397		47D7	0A2		
1398		47D8	051		
1399		47D9	001		
1400		47DA	09B		
1401		47DB	0C5	"E"	"BYE"
1402		47DC	059	"Y"	
1403		47DD	042	"B"	
1404		47DE	0A3		
1405		47DF	042		
1406		47E0	02E		
1407		47E1	000		
1408		47E2	0A2		
1409		47E3	067		
1410		47E4	000		
1411		47E5	000		
1412		47E6	0A3	"#"	"#"
1413		47E7	0A1		
1414		47E8	04F		
1415		47E9	0E8		
1416		47EA	000		
1417		47EB	0A2		
1418		47EC	051		
1419		47ED	001		
1420		47EE	05F		
1421		47EF	0A3	"#"	"<#"
1422		47F0	03C	"<"	
1423		47F1	0A2		
1424		47F2	04F		
1425		47F3	0D5		
1426		47F4	000		
1427		47F5	0A2		
1428		47F6	065		
1429		47F7	000		
1430		47F8	000		
1431		47F9	0D4	"T"	"EMIT"
1432		47FA	049	"I"	
1433		47FB	04D	"M"	
1434		47FC	045	"E"	
1435		47FD	0A4		
1436		47FE	04F		
1437		47FF	0B3		
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
5	CLRBUF		4804	130	LDI S&X
6	CLRBUF		4805	0BF	CON:
7	CLRBUF		4806	106	A=C S&X
8	CLRBUF	LB_4807	4807	166	A=A+1 S&X
9	CLRBUF		4808	326	?A<B S&X
10	CLRBUF		4809	3A0	?NC RTN
11	CLRBUF		480A	0A6	A<>C S&X
12	CLRBUF		480B	106	A=C S&X
13	CLRBUF		480C	270	RAMSLCT
14	CLRBUF		480D	038	READATA
15	CLRBUF		480E	23E	C=C+1 MS
16	CLRBUF		480F	3C7	JC -08

saves .END. location in B[S&X

bottom of memory

next register reached the .END.? yes, return no, swap keep it in A select register read its contents is if Key assign? 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		
2			481E	01C	->0797		[LDSSTO]
3			481F	0BC	RCR 5		
4			4820	358	ST=C XP		
5			4821	384	CLRF 0		
6			4822	398	C=ST XP		
7			4823	27C	RCR 9		
8			4824	3A8	WRIT 14(d)		
9			4825	1F9	?NC XQ		
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:	<i>FORTH buffer start</i>
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	<i>Clear Buffer content</i>
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	
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

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
196		4916	1E2	C=C+C @PT
197		4917	02F	JC +05
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
3		4927	378	READ 13(c)
4		4928	0E6	B<>C S&X
5		4929	04E	C=0 ALL
6		492A	35C	PT= 12
7		492B	350	LD@PT- D
8		492C	35C	PT= 12
9		492D	130	LDI S&X
10		492E	0BF	CON:
11		492F	10E	A=C ALL
12	LB_4930	4930	166	A=A+1 S&X
13	LB_4931	4931	326	?A<B S&X
14		4932	065	?NC GO
15		4933	122	->4819
16		4934	0A6	A<>C S&X
17		4935	106	A=C S&X
18		4936	270	RAMSLCT

LB_491C

LB_491C

[ENCP00]

.END. Location to B[S&X]

buffer id#

bottom of memory

next register

reached the .END.?

yes, -> error handling

[LB 4819]

put addr to C[S&X]

keeping it in A[S&X]

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	RRC 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	LD@PT- D	re-brand the buffer
34		4946	WRITDATA	so it's "claimed for"
35	LB_4947	4947	130	LDI S&X
36		4948	0D0	CON:
37		4949	RAMSLCT	select cntl register
38		494A	0E0	SLCTQ
39		494B	2DC	PT= 13
40		494C	10C	?FSET 8
41		494D	360	?C RTN
42		494E	0A0	SLCTP
43		494F	2DC	PT= 13
44		4950	2D0	LD@PT- B
45		4951	390	LD@PT- E
46		4952	35C	PT= 12
47		4953	112	A=C P-Q
48		4954	038	READATA
49		4955	372	?A#C P-Q
50		4956	3A0	?NC RTN
51		4957	000	NOP
52		4958	0A6	A<>C S&X
53		4959	070	N=C ALL
54		495A	106	A=C S&X
55	LB_495B	495B	0A6	A<>C S&X
56		495C	226	C=C+1 S&X
57		495D	270	RAMSLCT
58		495E	106	A=C S&X
59		495F	038	READATA
60		4960	372	?A#C P-Q
61		4961	3D7	JC -06
62		4962	130	LDI S&X
63		4963	0D0	CON:
64		4964	306	?A<C S&X
65		4965	09B	JNC +13
66		4966	311	?NC XQ
67		4967	0A0	->28C4
68		4968	2EE	?C#0 ALL
69		4969	065	?NC GO
70		496A	122	->4819
71		496B	0B0	C=N ALL
72		496C	270	RAMSLCT
73		496D	038	READATA
74		496E	0FC	RRC 10
75		496F	226	C=C+1 S&X
76		4970	07C	RRC 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	
118		499A	126	->4925	[CALCON]
1	AWAKE	499B	130	LDI S&X	
2		499C	0D0	CON:	
3		499D	270	RAMSLCT	
4		499E	078	READ 1(Z)	
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	LB_49AC	49AC	130	LDI S&X	

2		49AD	020	CON:	
3		49AE	2D9	?NC XQ	
4		49AF	124	->49B6	[EN_49B6]
5		49B0	130	LDI S&X	
6		49B1	04F	CON:	
7		49B2	2D9	?NC XQ	
8		49B3	124	->49B6	[EN_49B6]
9		49B4	1B1	?NC GO	
10		49B5	13A	->4E6C	[LB_4E6C]
1	EN_49B6	49B6	39C	PT= 0	
2		49B7	058	G=C @PT,+	
3	EN_49B6	49B8	149	?NC XQ	
4		49B9	024	->0952	[ENCP00]
5		49BA	3B8	READ 14(d)	
6		49BB	358	ST=C XP	
7		49BC	088	SETF 5	
8		49BD	3D8	C<>ST XP	
9		49BE	3A8	WRIT 14(d)	
10		49BF	08C	?FSET 5	
11		49C0	3C1	?NC XQ	
12		49C1	0B0	->2CF0	[CLLCDE]
13		49C2	149	?NC XQ	
14		49C3	024	->0952	[ENCP00]
15		49C4	3B8	READ 14(d)	
16		49C5	27C	RCR 9	
17		49C6	358	ST=C XP	
18		49C7	384	CLRF 0	
19		49C8	3D8	C<>ST XP	
20		49C9	0BC	RCR 5	
21		49CA	3A8	WRIT 14(d)	write to LCD
22		49CB	38C	?FSET 0	
23		49CC	3C1	?C XQ	
24		49CD	0B1	->2CF0	[CLLCDE]
25		49CE	3D9	?NC XQ	
26		49CF	01C	->07F6	[ENLCD]
27		49D0	39C	PT= 0	
28		49D1	098	C=G @PT,+	
29		49D2	175	?NC XQ	
30		49D3	0B0	->2C5D	[ASCLCD]
31		49D4	149	?NC XQ	
32		49D5	024	->0952	[ENCP00]
33		49D6	3B8	READ 14(d)	
34		49D7	27C	RCR 9	
35		49D8	358	ST=C XP	
36		49D9	30C	?FSET 1	
37		49DA	3A0	?NC RTN	
38		49DB	375	?NC XQ	
39		49DC	1C8	->72DD	[SCHDEV]
40		49DD	375	?NC XQ	
41		49DE	1C0	->70DD	[LADr5]
42		49DF	39C	PT= 0	
43		49E0	098	C=G @PT,+	
44		49E1	099	?NC XQ	
45		49E2	1C4	->7126	[SDATA0]
46		49E3	0D9	?NC XQ	
47		49E4	1CC	->7336	[UNLCHK]
48		49E5	3E0	RTN	
1	EN_49E6	49E6	25D	?NC XQ	
2		49E7	01C	->0797	[LDSS00]

3		49E8	27C	RCR 9	
4		49E9	358	ST=C XP	
5		49EA	388	SETF 0	
6		49EB	398	C=ST XP	
7		49EC	0BC	RCR 5	
8	<i>bug??</i>	49ED	318	UNDEF 318	???
9		49EE	01D	?NC GO	
10		49EF	136	->4D07	LB_4D07
1	<GAP>	49F0	000	NOP	
2	<GAP>	49F1	000	NOP	
1	EN_49F2	49F2	13D	?NC XQ	Select FORTH buffer
2		49F3	120	->484F	[SLCFORTH]
3		49F4	1F8	READ 7(O)	
4		49F5	2DC	PT= 13	
5		49F6	010	LD@PT- 0	
6		49F7	010	LD@PT- 0	
7		49F8	1E8	WRIT 7(O)	
8		49F9	238	READ 8(P)	
9		49FA	31C	PT= 1	
10		49FB	04A	C=0 PT<-	
11		49FC	228	WRIT 8(P)	
12		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)	
4		4A48	2FC	RCR 13	
5		4A49	1B0	POPADR	
6		4A4A	33C	RCR 1	
7		4A4B	228	WRIT 8(P)	
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	LOAD40	4A76	25D	?NC XQ
2	LOAD40		4A77	01C	->0797
3	LOAD40		4A78	0BC	RCR 5
4	LOAD40		4A79	358	ST=C XP
5	LOAD40		4A7A	388	SETF 0
6	LOAD40		4A7B	398	C=ST XP
7	LOAD40		4A7C	27C	RCR 9
8	LOAD40		4A7D	3A8	WRIT 14(d)
9	LOAD40		4A7E	3E0	RTN
1		LB_4A7F	4A7F	01D	?NC XQ
2			4A80	0B4	->2D07
3			4A81	0E6	B<>C S&X
4			4A82	01D	?NC XQ
5			4A83	0B4	->2D07
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
3	CALL		4A8A	1FD	?NC XQ
4	CALL		4A8B	128	->4A7F
5	CALL		4A8C	0EA	B<>C PT<-
6	CALL		4A8D	0DD	?NC XQ
7	CALL		4A8E	08C	->2337
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
2			4A93	120	->484F
3			4A94	2FD	?NC XQ
4			4A95	0BC	->2FBB
5		NFRPU2	4A96	3C1	?NC GO
6			4A97	002	->00F0
1		EN_4A98	4A98	01C	PT= 3

2		4A99	0AA	A<>C PT<-	
3		4A9A	0C4	CLRF 10	
4		4A9B	10A	A=C PT<-	
5		4A9C	1E2	C=C+C @PT	
6		4A9D	3A0	?NC RTN	
7		4A9E	0C8	SETF 10	
8		4A9F	3E0	RTN	
9	EN_4AA0	4AA0	046	C=0 S&X	
10		4AA1	270	RAMSLCT	
11		4AA2	338	READ 12(b)	
12		4AA3	0AA	A<>C PT<-	
13		4AA4	10A	A=C PT<-	
14		4AA5	328	WRIT 12(b)	
15		4AA6	3E0	RTN	
1	EN_4AA7	4AA7	01C	PT= 3	
2		4AA8	05A	C=0 M	
3		4AA9	0AA	A<>C PT<-	
4		4AAA	1FA	C=C+C M	
5		4AAB	1FA	C=C+C M	
6		4AAC	1FA	C=C+C M	
7		4AAD	3DA	RSHFC M	
8		4AAE	0E2	B<>C @PT	
9		4AAF	042	C=0 @PT	
10		4AB0	10A	A=C PT<-	
11		4AB1	1EA	C=C+C PT<-	
12		4AB2	1EA	C=C+C PT<-	
13		4AB3	1EA	C=C+C PT<-	
14		4AB4	0AA	A<>C PT<-	
15		4AB5	1CA	A=A-C PT<-	
16		4AB6	0E2	B<>C @PT	
17		4AB7	03C	RCR 3	
18		4AB8	14A	A=A+C PT<-	
19		4AB9	1A1	?NC GO	
20		4ABA	13A	->4E68	[BLIP11]
1	FORK1	4ABB	130	LDI S&X	
2		4ABC	071	CON:	
3		4ABD	07B	JNC +0F	LB_4ACC
4	FORK2	4ABE	130	LDI S&X	
5		4ABF	07A	CON:	
6		4AC0	063	JNC +0C	LB_4ACC
7	FORK3	4AC1	130	LDI S&X	
8		4AC2	083	CON:	
9		4AC3	04B	JNC +09	LB_4ACC
10	FORK4	4AC4	130	LDI S&X	
11		4AC5	08D	CON:	
12		4AC6	033	JNC +06	LB_4ACC
13	FORK5	4AC7	130	LDI S&X	
14		4AC8	097	CON:	
15		4AC9	01B	JNC +03	LB_4ACC
16	FORK6	4ACA	130	LDI S&X	
17		4ACB	0A1	CON:	
18	LB_4ACC	4ACC	01C	PT= 3	
19		4ACD	110	LD@PT- 4	
20		4ACE	3D0	LD@PT- F	
21		4ACF	158	M=C ALL	
22		4AD0	399	?NC XQ	
23		4AD1	124	->49E6	[EN_49E6]
24		4AD2	198	C=M ALL	
25		4AD3	26E	C=C-1 ALL	

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	
18		4AED	124	->49B6	[EN 49B6]
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	
6		4B65	238	READ 8(P)	
7		4B66	2FC	RCR 13	
8		4B67	1E0	GOTO ADR	
1	LOAD44	4B68	149	?NC XQ	
2		4B69	024	->0952	[ENCP00]
3		4B6A	3B8	READ 14(d)	
4		4B6B	27C	RCR 9	
5		4B6C	358	ST=C XP	
6		4B6D	3E0	RTN	
1	EN_4B6E	4B6E	1A1	?NC XQ	
2		4B6F	12C	->4B68	[LOAD44]
3		4B70	30C	?FSET 1	
4		4B71	3A0	?NC RTN	
5		4B72	375	?NC XQ	
6		4B73	1C8	->72DD	[SCHDEV]
7		4B74	375	?NC XQ	
8		4B75	1C0	->70DD	[LADr5]
9		4B76	130	LDI S&X	
10		4B77	00D	CON:	
11		4B78	099	?NC XQ	
12		4B79	1C4	->7126	[SDATA0]
13		4B7A	130	LDI S&X	
14		4B7B	01B	CON:	
15		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	

the lower section is never executed - appears F1 is a back door never set

00D
01B
04A

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	
2			4B8A	12C ->4B68	[LOAD41]
3			4B8B	30C ?FSET 1	
4			4B8C	3A0 ?NC RTN	
5			4B8D	375 ?NC XQ	
6			4B8E	1C8 ->72DD	[SCHDEV]
7			4B8F	375 ?NC XQ	
8	<i>the lower section is never executed - appears F1 is a back door never set</i>		4B90	1C0 ->70DD	[LADr5]
9			4B91	130 LDI S&X	
10			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_4COC
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_4COC
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_4COC
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_4COC
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		4C1E	090	LD@PT- 2	"A24C"
4		4C1F	110	LD@PT- 4	"}COMP" fnc. Id#
5		4C20	310	LD@PT- C	
6	EN_4C21	4C21	0EE	B<>C ALL	
7		4C22	13D	?NC XQ	Select FORTH buffer
8		4C23	120	->484F	[SLCFORTH]
9		4C24	0F8	READ 3(X)	
10		4C25	01C	PT= 3	
11		4C26	10A	A=C PT<-	
12		4C27	34D	?NC XQ	
13		4C28	0A4	->29D3	[INCAD2]
14		4C29	0AA	A<>C PT<-	
15		4C2A	0E8	WRIT 3(X)	
16		4C2B	0CE	C=B ALL	
17		4C2C	069	?NC GO	
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	
2		4C3E	10E	A=C ALL	
3		4C3F	01C	PT= 3	
4		4C40	2C1	?NC XQ	
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	
13	LB_4C49	4C49	01C	PT= 3	
14		4C4A	31D	?NC XQ	
15		4C4B	0A4	->29C7	[DECAD]
16		4C4C	2C1	?NC XQ	
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	
23		4C53	057	JC +0A	LB_4C5D
24		4C54	3D8	C<>ST XP	
25		4C55	28C	?FSET 7	
26		4C56	027	JC +04	LB_4C5A
27		4C57	3D8	C<>ST XP	
28		4C58	0EE	B<>C ALL	
29		4C59	383	JNC -10	LB_4C49
30	LB_4C5A	4C5A	284	CLRF 7	
31		4C5B	3D8	C<>ST XP	
32		4C5C	0EE	B<>C ALL	
33	LB_4C5D	4C5D	06E	A<>B ALL	
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	

53		4C71	01C	PT= 3	
54	LB_4C72	4C72	2C1	?NC XQ	
55		4C73	0A4	->29B0	[GTBYT]
56		4C74	37C	RCR 12	
57		4C75	31D	?NC XQ	
58		4C76	0A4	->29C7	[DECAD]
59		4C77	1E2	C=C+C @PT	
60		4C78	3D3	JNC -06	LB_4C72
61		4C79	0AA	A<>C PT<-	
62		4C7A	3E0	RTN	
1	EN_4C7B	4C7B	18C	?FSET 11	
2		4C7C	0C3	JNC +18	LB_4C94
3		4C7D	184	CLRf 11	
4		4C7E	130	LDI S&X	
5		4C7F	020	CON:	
6		4C80	0B9	?NC XQ	
7		4C81	130	->4C2E	[EN_4C2E]
8		4C82	291	?NC XQ	
9		4C83	12C	->4BA4	[LB_4BA4]
10	LB_4C84	4C84	0B0	C=N ALL	
11		4C85	27E	C=C-1 MS	
12		4C86	3C1	?C GO	
13		4C87	133	->4CF0	[LB_4CF0]
14		4C88	070	N=C ALL	
15		4C89	2E5	?NC XQ	
16		4C8A	0A4	->29B9	[NXBYTA]
17		4C8B	0AA	A<>C PT<-	
18		4C8C	158	M=C ALL	
19		4C8D	0AA	A<>C PT<-	
20		4C8E	0B9	?NC XQ	
21		4C8F	130	->4C2E	[EN_4C2E]
22		4C90	04E	C=0 ALL	
23		4C91	1D8	C<>M	
24		4C92	10A	A=C PT<-	
25		4C93	38B	JNC -0F	LB_4C84
26	LB_4C94	4C94	13D	?NC XQ	Select FORTH buffer
27		4C95	120	->484F	[SLCFORTH]
28		4C96	178	READ 5(M)	
29		4C97	07C	RCR 4	
30		4C98	01C	PT= 3	
31		4C99	10A	A=C PT<-	
32		4C9A	329	?NC XQ	
33		4C9B	0A4	->29CA	[DECADA]
34		4C9C	139	?NC XQ	
35		4C9D	088	->224E	[GTLINK]
36		4C9E	0C4	CLRf 10	
37		4C9F	0F5	?NC XQ	
38		4CA0	130	->4C3D	[LB_4C3D]
39		4CA1	2EA	?C#0 PT<-	
40		4CA2	19F	JC +33	LB_4CD5
41		4CA3	0B0	C=N ALL	
42		4CA4	130	LDI S&X	
43		4CA5	3F6	CON:	
44		4CA6	236	C=C+1 XS	"4F6"
45		4CA7	0FC	RCR 10	
46		4CA8	330	FETCH S&X	
47		4CA9	110	LD@PT- 4	
48		4CAA	1D0	LD@PT- 7	
49		4CAB	000	NOP	

50		4CAC	0C8	SETF 10	
51		4CAD	0F5	?NC XQ	
52		4CAE	130	->4C3D	[LB_4C3D]
53		4CAF	2EA	?C#0 PT<-	
54		4CB0	12F	JC +25	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	
61		4CB7	290	LD@PT- A	
62		4CB8	090	LD@PT- 2	
63		4CB9	110	LD@PT- 4	
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	->4COE]	[EN_4COE]
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	
81		4CCB	024	->0952	[ENCP00]
82		4CCC	375	?NC XQ	
83		4CCD	058	->16DD	[TONEB]
84	bug??	4CCE	2F1	?NC XQ	what on earth...
85	bug??	4CCF	0F0	->3CBC	????
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	
93		4CD7	0A4	->29C7	[DECAD]
94		4CD8	31D	?NC XQ	
95		4CD9	0A4	->29C7	[DECAD]
96		4CDA	31D	?NC XQ	
97		4CDB	0A4	->29C7	[DECAD]
98		4CDC	31D	?NC XQ	
99		4CDD	0A4	->29C7	[DECAD]
100		4CDE	2C1	?NC XQ	
101		4CDF	0A4	->29B0	[GTBYT]
102		4CE0	056	C=0 XS	
103		4CE1	2E6	?C#0 S&X	
104		4CE2	013	JNC +02	LB_4CE4
105		4CE3	188	SETF 11	
106	LB_4CE4	4CE4	1FD	?NC XQ	
107		4CE5	128	->4A7F	[LB_4A7F]
108		4CE6	0FC	RCR 10	

109		4CE7	158	M=C ALL		
110		4CE8	1FD	?NC XQ		
111		4CE9	128	->4A7F	[LB_4A7F]	
112		4CEA	10A	A=C PT<-		
113		4CEB	198	C=M ALL		
114		4CEC	0AA	A<>C PT<-		
115		4CED	158	M=C ALL		
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		
120		4CF2	130	->4C21	[EN_4C21]	
121		4CF3	01B	JNC +03	LB_4CF6	
122		LB_4CF4	4CF4	071	?NC XQ	
123			4CF5	130	->4C1C	[LB_4C1C]
124		LB_4CF6	4CF6	198	C=M ALL	
125		4CF7	07C	RCR 4		
126		4CF8	085	?NC XQ		
127		4CF9	130	->4C21	[EN_4C21]	
128		4CFA	198	C=M ALL		
129		4CFB	085	?NC XQ		
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	
2			4D08	12C	->4B68	[LOAD44]
3			4D09	30C	?FSET 1	
4			4D0A	3A0	?NC RTN	
5			4D0B	375	?NC XQ	
6			4D0C	1C8	->72DD	[SCHDEV]
7			4D0D	375	?NC XQ	
8			4D0E	1C0	->70DD	[LADr5]
9			4D0F	130	LDI S&X	
10			4D10	00D	CON:	
11			4D11	099	?NC XQ	
12			4D12	1C4	->7126	[SDATA0]
13			4D13	130	LDI S&X	
14			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	
2	FORTH		4D1B	128	->4A76	[LOAD40]
3	FORTH		4D1C	001	?NC GO	
4	FORTH		4D1D	102	->4000	[START]
1		LB_4D1E	4D1E	25D	?NC XQ	
2			4D1F	01C	->0797	[LDSS70]
3			4D20	27C	RCR 9	
4			4D21	358	ST=C XP	

the lower section is never executed - appears F1 is a back door never set

00D
00A

5		4D22	384	CLRF 0	
6		4D23	398	C=ST XP	
7		4D24	0BC	RCR 5	
8		4D25	3A8	WRIT 14(d)	
9		4D26	3E0	RTN	
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	
<hr/>					
1	LB_4D6E	4D6E	104	CLRF 8	
2		4D6F	1F9	?NC XQ	
3		4D70	00C	->037E	[STMSGF]
4		4D71	3C1	?NC XQ	
5		4D72	0B0	->2CF0	[CLLCDE]
6		4D73	1A1	?NC XQ	
7		4D74	12C	->4B68	[LOAD44]
8		4D75	30C	?FSET 1	
9		4D76	3A0	?NC RTN	
10		4D77	375	?NC XQ	
11		4D78	1C8	->72DD	[SCHDEV]
12		4D79	375	?NC XQ	
13		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	
<hr/>					
1	LB_4D86	4D86	149	?NC XQ	
2		4D87	024	->0952	[ENCP00]
3		4D88	211	?NC XQ	
4		4D89	00C	->0384	[RSTSEQ]
5		4D8A	3E9	?NC GO	
6		4D8B	01A	->06FA	[RAK60]
<hr/>					
1	LB_4D8C	4D8C	04E	C=0 ALL	
2		4D8D	0D5	?NC GO	
3		4D8E	12A	->4A35	[LB 4A35]
<hr/>					
1	LB_4D8F	4D8F	13D	?NC XQ	Select FORTH buffer
2		4D90	120	->484F	[SLCFORTH]
3		4D91	138	READ 4(L)	
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]

the lower section is never executed - appears F1 is a back door never set



10		4D98	3E0	RTN	
1	???	4D99	25D	?NC XQ	
2	???	4D9A	01C	->0797	[LDSST0]
3	???	4D9B	0F1	?NC GO	
4	???	4D9C	04E	->133C	[AON]
1		LB_4D9D	4D9D	3B8	READ 14(d)
2		4D9E	2BC	RCR 7	
3		4D9F	358	ST=C XP	
4		4DA0	384	CLRF 0	
5		4DA1	398	C=ST XP	
6		4DA2	2BC	RCR 7	
7		4DA3	3A8	WRIT 14(d)	
8		4DA4	358	ST=C XP	
9		4DA5	0F1	?NC GO	
10		4DA6	04E	->133C	[AON]
1		EN_4DA7	4DA7	379	?NC XQ
2		4DA8	134	->4DDE	[EN 4DDE]
3		4DA9	178	READ 5(M)	
4		4DAA	07C	RCR 4	
5		EN_4DAB	4DAB	01C	PT= 3
6		4DAC	10A	A=C PT<-	
7		4DAD	329	?NC XQ	
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	
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
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
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	
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
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
7	???		4E40	130	LDI S&X
8	???		4E41	020	CON:
9	???		4E42	366	?A#C S&X
10	???		4E43	04B	JNC +09
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		LB_4E6C	4E6C	130	LDI S&X	
2			4E6D	04B	CON:	
3			4E6E	2D9	?NC XQ	
4			4E6F	124	->49B6	[EN_49B6]
5			4E70	13D	?NC GO	Select FORTH buffer
6			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	[ENTRY1]
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
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	CHPOM	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
2			4EFC	134	->4D1E
3			4EFD	0A5	?NC GO
4			4EFE	102	->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	"J"
74	KBDMAP		4F49	03E	">"
75	KBDMAP		4F4A	05D	"J"
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	
2	CONTROL		4F51	102	->4089	[LB 4089]
3	CONTROL	USER	4F52	199	?NC GO	
4	CONTROL		4F53	102	->4066	[CONNECT]
5	CONTROL	PRGM	4F54	121	?NC GO	
6	CONTROL		4F55	106	->4148	[CNTROL]
7	CONTROL	ALPHA	4F56	1A5	?NC GO	
8	CONTROL		4F57	102	->4069	[CNNCT2]
9	CONTROL	SHIFT	4F58	18D	?NC GO	
10	CONTROL		4F59	102	->4063	[CNNCT1]
11	CONTROL	LASTX	4F5A	0A9	?NC GO	
12	CONTROL		4F5B	106	->412A	[LB 412A]
13	CONTROL	R/S	4F5C	21D	?NC GO	
14	CONTROL		4F5D	106	->4187	[LB 4187]
15	CONTROL	BCKARW	4F5E	001	?NC GO	
16	CONTROL		4F5F	106	->4100	[LB 4100]

1			4F60	0A9	
2			4F61	0E7	
3			4F62	0F1	
4			4F63	0DE	
5			4F64	0FD	
6			4F65	0D3	
7			4F66	0C6	
8			4F67	0B8	
9			4F68	095	
10			4F69	0A6	
11			4F6A	085	
12			4F6B	073	
13			4F6C	0A9	
14			4F6D	0A9	
15			4F6E	0A9	
16			4F6F	0A9	

17		4F70	008	<i>Direct - 8 chrs.</i>	
18		4F71	053	"S"	"STK FULL"
19		4F72	054	"T"	
20		4F73	04B	"K"	
21		4F74	020	" "	
22		4F75	046	"F"	
23		4F76	055	"U"	
24		4F77	04C	"L"	
25		4F78	04C	"L"	
26		4F79	008	<i>Direct - 8 chrs.</i>	
27		4F7A	043	"C"	"COMP ERR"
28		4F7B	04F	"O"	
29		4F7C	04D	"M"	
30		4F7D	050	"P"	
31		4F7E	020	" "	
32		4F7F	045	"E"	
33		4F80	052	"R"	
34		4F81	052	"R"	
35		4F82	009	<i>Direct - 9 chrs.</i>	
36		4F83	045	"E"	"END OF BF"
37		4F84	04E	"N"	
38		4F85	044	"D"	
39		4F86	020	" "	
40		4F87	04F	"O"	
41		4F88	046	"F"	
42		4F89	020	" "	
43		4F8A	042	"B"	
44		4F8B	046	"F"	
45		4F8C	009	<i>Direct - 9 chrs.</i>	
46		4F8D	052	"R"	"READ ONLY"
47		4F8E	045	"E"	
48		4F8F	041	"A"	
49		4F90	044	"D"	
50		4F91	020	" "	
51		4F92	04F	"O"	
52		4F93	04E	"N"	
53		4F94	04C	"L"	
54		4F95	059	"Y"	
55		4F96	009	<i>Direct - 9 chrs.</i>	
56		4F97	053	"S"	"STK EMPTY"
57		4F98	054	"T"	
58		4F99	04B	"K"	
59		4F9A	020	" "	
60		4F9B	045	"E"	
61		4F9C	04D	"M"	
62		4F9D	050	"P"	
63		4F9E	054	"T"	
64		4F9F	059	"Y"	
65		4FA0	009	<i>Direct - 9 chrs.</i>	
66		4FA1	04E	"N"	"NOT ENDED"
67		4FA2	04F	"O"	
68		4FA3	054	"T"	
69		4FA4	020	" "	
70		4FA5	045	"E"	
71		4FA6	04E	"N"	
72		4FA7	044	"D"	
73		4FA8	045	"E"	
74		4FA9	044	"D"	
75		4FAA	000	NOP	

76		4FAB	0A2		
77		4FAC	066		
78		4FAD	000		
79		4FAE	000		
80		4FAF	0C5	"E"	"TYPE"
81		4FB0	050	"P"	
82		4FB1	059	"Y"	
83		4FB2	054	"T"	
84		4FB3	0A4		
85		4FB4	04F		
86		4FB5	0BF		
87		4FB6	000	NOP	
88		4FB7	0A2		
89		4FB8	051		
90		4FB9	001		
91		4FBA	072		
92		4FBB	0C4	"D"	"HOLD"
93		4FBC	04C	"L"	
94		4FBD	04F	"O"	
95		4FBE	048	"H"	
96		4FBF	0A4		
97		4FC0	04F		
98		4FC1	0CB		
99		4FC2	000	NOP	
100		4FC3	0A2		
101		4FC4	051		
102		4FC5	001		
103		4FC6	07D		
104		4FC7	0CE	"N"	"SIGN"
105		4FC8	047	"G"	
106		4FC9	049	"I"	
107		4FCA	053	"S"	
108		4FCB	0A4		
109		4FCC	042		
110		4FCD	045		
111		4FCE	000		
112		4FCF	0A2		
113		4FD0	051		
114		4FD1	001		
115		4FD2	06A		
116		4FD3	0D3	"S"	"#S"
117		4FD4	023	"#"	
118		4FD5	0A2		
119		4FD6	04F		
120		4FD7	0DF		
121		4FD8	000		
122		4FD9	0A2		
123		4FDA	051		
124		4FDB	001		
125		4FDC	086		
126		4FDD	0BE	">"	"#>"
127		4FDE	023	"#"	
128		4FDF	0A2		
129		4FE0	04F		
130		4FE1	0F2		
131		4FE2	000		
132		4FE3	0A2		
133		4FE4	063		
134		4FE5	000		

135		4FE6	000	
136		4FE7	0AE	"-}"
137		4FE8	0A1	
138		4FE9	042	
139		4FEA	066	
140		4FEB	000	
141		4FEC	0A2	
142		4FED	064	
143		4FEE	000	
144		4FEF	000	
145		4FF0	0AE	"-}"
146		4FF1	055	"U"
147		4FF2	0A2	
148		4FF3	042	
149		4FF4	0C1	
150		4FF5	000	NOP
1	<GAP>	4FF6	000	NOP
2	<GAP>	4FF7	000	NOP
3	<GAP>	4FF8	000	NOP
4	<GAP>	4FF9	000	NOP
5	<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