

LOAD MUSE12

END OF DATA

:.PR#0

SOURCE FILE: R3ICODE

SOURCE FILE: R3ITBLSPK

SOURCE FILE: R3ITBLO

SOURCE FILE: FIRST

SOURCE FILE: MUSE11

SOURCE FILE: R3ID000

SOURCE FILE: R3ISUBS

SOURCE FILE: R3ITBL2

SOURCE FILE: SECOND

SOURCE FILE: MUSE12

0000: 1 :.SOUND

0000: 2 :.RCODE

0000: 3 :

0000: 4 :.DATE.JAN.28.85.MODIFIED.FOR

0000: 5 :.COMBINATION.SPCLSUBS.AND.PW

0000: 6 :.DELTA.OVERFLOW.CHECK

0000: 7 :.(CAUSES.A.POP)

0000: 8 :FEB.1: .ADDING.RANDOM.SUB,THIRD

0000: 9 :.....SUB.LEVEL!

0000: 10 :FEB.8: .ALTERNATE.LOOP.#22

0000: 11 :FEB.13: .ADD.VARS.AND.4TH.JSR

0000: 12 :.....WITHOUT.SUTBL.INDEX

0000: 13 :

0000: 14 DSECT

001F: 15 ORG \$39-26

001F: 16 TTEMP DS 10

0029: 17 TUNEBASE DS 2

002B: 18 TUNEBASE2 DS 2

002D: 19 TUNEBASE3 DS 2

002F: 20 DS 6

0035: 21 BASETEMP DS 4

0039: 22 :

0039: 23 :

0000: 24 DEND

0000: 21 DEND
----- NEXT OBJECT FILE NAME -IS- MUSE1BJ0

B000:	25	ORG	\$B000	
B000:4C 6F B2	26	JMP	GETUP	
B003:4C 6A B5	27	JMP	TUNEPLY	
B006:4C AF B2	28	JMP	GOTUNE	
B009:4C A8 B2	29	JMP	GONOISE	
B00C:4C AF B2	30	JMP	STTUNE	
B00F:4C A8 B2	31	JMP	STNOISE	
B012:	32	SND RAM1	EQU	*
B012:	33	COMMUNE	DS	1
B013:	34	:LEFTH,RH,LF,RF		
B013:	35	PIANO3	DS	1
B014:	36	PIANO4	DS	1
B015:	37	PIANO1	DS	1
B016:	38	PIANO2	DS	1
B017:	39	SND RAND	DS	1
B018:	40	MCCOUNT	DS	1
B019:	41	TUNDELAY	DS	6
B01F:	42		DS	6
B025:	43	TFLAG	DS	12
B031:	44	REGMAP	DS	21
B044:	45	REGMAP2	DS	21
B058:	46	FBREGS	DS	14 :2FBS
B069:	47	TUNLOOP	DS	12
B075:	48	TUNLOOP2	DS	12
B081:	49	TBLJSR	DS	12
B08D:	50	SAV MAP	DS	42

B0B7:	51	NOITUNFLG	DS	12
B0C3:00	52	TESTFLAG	DFB	0 :FOR, DEVELOP, ONLY
B0C4:	53	SIREN	DS	12
B0D0:	54	TIMER	DS	1
B0D1:	55	RATTIME	DS	1
B0D2:	56	SAV MAP2	DS	42
B0FC:	57	TBLJSR2	DS	12
B108:	58	SAV MAPR	DS	42
B132:	59	TBLJSRR	DS	12
B13E:	60	TBLJSR24	DS	12
B14A:	61	RADSR	DS	12
B156:	62	RWAIT	DS	12
B162:	63	RFREQ	DS	12
B16E:	64	RTIMER	DS	12
B17A:	65	RFLAG	DS	12
B186:	66	SAVIROT	DS	2
B188:	67	SAV MON	DS	2
B18A:	68	GOREFLAG	DS	1
B18B:	69	TEMPERARY	DS	12
B197:	70	FBSIR	DS	12
B1A3:	71	PWSIR	DS	12
B1AF:	72	SND RAM2	EQU	*
B1AF:	73	VLIST	DS	96
B20F:	74	TIME3	DS	1
B210:	75	:		
B210:	76	:		
B210:	77	:		
B210:	78	:		
B210:	79	:		
B210:	80	VOICIS	EQU	*
B210:00 00 07	81	DFB	0,0,7,7,14,14,21,21,28,28,35,35,42,42	
B213:07 0E 0E				
B216:15 15 1C				
B219:1C 23 23				
B21C:2A 2A				
B21E:	82	:		
B21F:	83	:		

B21E:	82	SNDIROT	EQU	*
B21E:AD D0 B0	84	LDA	TIMER	
B221:6D 17 B0	85	ADC	SNDRAND	
B224:8D 17 B0	86	STA	SNDRAND	
B227:AD 0D DC	87	LDA	\$DCOD	
B22A:29 01	88	AND	#1	
B22C:D0 03	89	BNE	NUTME	
B22E:6C 86 B1	90	JMP	(SAVIROT)	
B231:	91	NUTME	EQU	*
B231:A2 04	92	LDB	#4	
B233:	93	SILOP	EQU	*
B233:BD 7B B1	94	LDA	RFLAG+1,X	
B236:30 0F	95	BMI	HEROFF	
B238:BD 81 B1	96	LDA	RFLAG+7,X	
B23B:10 1C	97	BPL	NXTSILOP	
B23D:29 7F	98	AND	##7F	
B23F:9D 81 B1	99	STA	RFLAG+7,X	
B242:BD 16 B2	100	LDA	VOICIS+6,X	
B245:D0 08	101	BNE	GOTOFF	
B247:	102	HEROFF	EQU	*
B247:29 7F	103	AND	##7F	
B249:9D 7B B1	104	STA	RFLAG+1,X	
B24C:BD 10 B2	105	LDA	VOICIS,X	
B24F:A8	106	GOTOFF	TAY	
B250:B9 35 B0	107	LDA	REGMAP+4,Y	
B253:BC 10 B2	108	LDY	VOICIS,X	
B256:99 04 D4	109	STA	\$D404,Y	

B259:CA	110	NXTSILOP	DEX	
B25A:CA	111		DEX	
B25B:10 D6	112	BPL	SILOP	
B25D:	113	OUTSILOP	EQU	*
B25D:AD 86 B1	114	LDA	SAVIROT	
B260:8D 14 03	115	STA	\$314	
B263:AD 87 B1	116	LDA	SAVIROT+1	
B266:8D 15 03	117	STA	\$315	
B269:68	118	PLA		
B26A:A8	119	TAY		
B26B:68	120	PLA		
B26C:AA	121	TAX		
B26D:68	122	PLA		
B26E:40	123	RTI		
B26F:	124	JMP	(\$314)	
B26F:	125	:		
B26F:	126	GETUP	EQU	*
B26F:	127	:		
B26F:78	128	SEI		
B270:A9 12	129	LDA	#>SNDRAM1	
B272:85 35	130	STA	BASETEMP	
B274:A9 D0	131	LDA	#<SNDRAM1	
B276:85 36	132	STA	BASETEMP+1	
B278:A0 00	133	LDY	#0	
B27A:	134	CLRSNDRAM	EQU	*
B27A:A5 35	135	LDA	BASETEMP	
B27C:C9 AF	136	CMP	#>SNDRAM2	
B27E:90 06	137	BCC	SNDRAMNVR	
B280:A5 36	138	LDA	BASETEMP+1	
B282:C9 B1	139	CMP	#<SNDRAM2	
B284:B0 0C	140	BCS	SNDRAMISVR	
B286:A9 00	141	SNDRAMNVR	LDA	#0
B288:91 35	142	STA	(BASETEMP),Y	
B28A:E6 35	143	INC	BASETEMP	
B28C:D0 EC	144	BNE	CLRSNDRAM	
B28E:E6 36	145	INC	BASETEMP+1	

B28E:E6 36	143	INC	BASETEMP+1
B290:D0 E8	146	BNE	CLRSNDRAM
B292:	147	SNDRAMISVR	EQU *
B292:AD 14 03	148	LDA	#314
B295:8D 86 B1	149	STA	SAVIROT
B298:AD 15 03	150	LDA	#315
B29B:8D 87 B1	151	STA	SAVIROT+1
B29E:A9 00	152	LDA	#0
B2A0:20 A8 B2	153	JSR	GONOISE
B2A3:A9 00	154	LDA	#0
B2A5:	155	DOSTART	EQU *
B2A5:4C AF B2	156	JMP	GOTUNE
B2A8:	157	:	
B2A8:	158	:	
B2A8:	159	:	
B2A8:	160	:	
B2A8:	161	:	
B2A8:	162	:	
B2A8:	163	:	
B2A8:	164	GONOISE	EQU *
B2A8:	165	STNOISE	EQU *
B2A8:8C 8B B1	166	STY	TEMPERARY
B2AB:A0 00	167	LDY	#0
B2AD:F0 05	168	BEQ	GOSONG
B2AF:	169	GOTUNE	EQU *
B2AF:	170	STTUNE	EQU *
B2AF:8C 8B B1	171	STY	TEMPERARY
B2B2:A0 06	172	LDY	#6

B2B4:	173	GOSONG	EQU *
B2B4:48	174	PHA	
B2B5:78	175	SEI	
B2B6:A5 01	176	LDA	1
B2B8:29 FC	177	AND	##FC
B2BA:85 01	178	STA	1
B2BC:68	179	PLA	
B2BD:8E 8C B1	180	STX	TEMPERARY+1
B2C0:0A	181	ASL	A
B2C1:85 1F	182	STA	TTEMP
B2C3:18	183	CLC	
B2C4:65 1F	184	ADC	TTEMP
B2C6:18	185	CLC	
B2C7:65 1F	186	ADC	TTEMP
B2C9:AA	187	TAX	
B2CA:	188	:MAP.AWAY.BASIC.AT.A000	
B2CA:	189	:LDA #1	
B2CA:	190	:AND ##FE	
B2CA:	191	:STA #1	
B2CA:A9 02	192	LDA	#2
B2CC:85 22	193	STA	TTEMP+3
B2CE:	194	LOOPTUNE	EQU *
B2CE:84 20	195	STY	TTEMP+1
B2D0:86 1F	196	STX	TTEMP
B2D2:BD 00 D8	197	LDA	TUNES,X
B2D5:1D 01 D8	198	ORA	TUNES+1,X
B2D8:F0 47	199	BEQ	STARTNODO
B2DA:99 25 B0	200	STA	TFLAG,Y
B2DD:BD 00 D8	201	LDA	TUNES,X
B2E0:99 29 00	202	STA	TUNEBASE,Y
B2E3:85 35	203	STA	BASETEMP
B2E5:BD 01 D8	204	LDA	TUNES+1,X
B2E8:99 2A 00	205	STA	TUNEBASE+1,Y
B2EB:85 36	206	STA	BASETEMP+1
B2ED:A9 00	207	LDA	#0
B2EF:99 19 B0	208	STA	TUNDELAY,Y

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B2F2:99 1A B0	207	STA	TUNDELAY+1,Y
B2F5:99 69 B0	210	STA	TUNLOOP,Y
B2F8:99 75 B0	211	STA	TUNLOOP2,Y
B2FB:8D 12 B0	212	STA	COMMUNE
B2FE:99 81 B0	213	STA	TBLJSR,Y
B301:99 B7 B0	214	STA	NOITUNFLG,Y
B304:A8	215	TAY	
B305:B1 35	216	LDA	(BASETEMP),Y
B307:20 3D B3	217	JSR	DOLOOPR7
B30A:A6 20	218	LDX	TTEMP+1
B30C:BC 10 B2	219	LDY	VOICIS,X
B30F:A2 00	220	LDX	#0
B311:8A	221	TXA	
B312:99 08 B1	222	STA	SAVMAPR,Y ;FOR.PIANO
B315:20 60 D4	223	JSR	SETFSTUFF
B318:A9 FF	224	LDA	##FF
B31A:99 5F B0	225	STA	FBREGS+4,Y
B31D:A6 1F	226	LDX	TTEMP
B31F:A4 20	227	LDY	TTEMP+1
B321:	228	STARTNODO EQU *	
B321:E8	229	INX	
B322:E8	230	INX	
B323:C8	231	INY	
B324:C8	232	INY	
B325:C6 22	233	DEC	TTEMP+3
B327:10 A5	234	BPL	LOOPTUNE
B329:AC 8B B1	235	LDY	TEMPERARY

B32C:AE 8C B1	236	LDX	TEMPERARY+1
B32F:AD D0 B0	237	LDA	TIMER
B332:6D 17 B0	238	ADC	SNDRAND
B335:8D 17 B0	239	STA	SNDRAND
B338:20 94 B6	240	JSR	OFFD000
B33B:58	241	CLI	
B33C:60	242	RTS	
B33D:	243	;RTS	
B33D:	244	DOLOOPR7 EQU *	
B33D:A8	245	TAY	
B33E:A6 20	246	LDX	TTEMP+1
B340:F6 29	247	INC	TUNEBASE,X
B342:D0 02	248	BNE	NOILR7
B344:F6 2A	249	INC	TUNEBASE+1,X
B346:	250	NOILR7 EQU *	
B346:	251	;	
B346:	252	;	
B346:BD 10 B2	253	LDA	VOICIS,X
B349:AA	254	TAX	
B34A:	255	;FOLLOWING.OUT.DUE.TO.BUG	
B34A:	256	;	
B34A:	257	;LDA #0	
B34A:	258	;STA FBREGS,X	
B34A:	259	;CPX #21	
B34A:	260	;BCS NOTNOICLR	
B34A:	261	;STA \$D404,X	
B34A:	262	NOTNOICLR EQU *	
B34A:A9 04	263	LDA	#4
B34C:85 21	264	STA	TTEMP+2
B34E:	265	LOOPR7 EQU *	
B34E:B9 94 B6	266	LDA	SUTBL,Y
B351:	267	;STA \$D400,X	
B351:9D 33 B0	268	STA	REGMAP+2,X
B354:E8	269	INX	
B355:C8	270	INY	
B356:C6 21	271	DEC	TTEMP+2
B359:10 54	272	BPL	LOOPTUNE

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B35A:60      273      RTS
B35B:      274 ;
B35B:      275 ;
B35B:      276 ;
B35B:      277 ;
B35B:      278 SETREGS EQU *
B35B:A9 00    279      LDA #0
B35D:8D 8B B1 280      STA TEMPERARY
B340:8D 8B B1 281      STA TEMPERARY+2
B363:8D 8F B1 282      STA TEMPERARY+4
B366:85 26    283      STA TTEMP+7
B368:A9 04    284      LDA #4 ;LOP.3.VOICES
B36A:85 20    285      STA TTEMP+1
B36C:8D 8A B1 286      STA GOREFLAG
B36F:      287 LOPVSR EQU *
B36F:A4 20    288      LDY TTEMP+1
B371:84 21    289      STY TTEMP+2
B373:      290 ;INSERT.PIANO.STUFF
B373:      291 ;DO.FOR.TUNE.(BG)
B373:B9 10 B2 292      LDA VOICIS,Y
B376:A8      293      TAY
B377:B9 08 B1 294      LDA SAVMAPR,Y
B37A:D0 03    295      BNE OKPIANI
B37C:4C 08 B4 296      JMP NOPIANGR
B37F:      297 OKPIANI EQU *
B37F:      298 ;CPY #7

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B37F:      299 ;BEQ NOPHANDS
B37F:C0 1C    300      CPY #28
B381:F0 12    301      BEQ NOPHANDS
B383:B9 35 B0 302      LDA REGMAP+4,Y
B386:29 01    303      AND #1
B388:C0 15    304      CPY #21
B38A:D0 06    305      BNE NOTLH
B38C:      306 DOLH1 EQU *
B38C:8D 13 B0 307      STA PIANO3
B38F:4C 25 B3 308      JMP NOPHANDS
B392:      309 NOTLH EQU * ;CPY #0
B392:      310 ;BEQ DOLH1
B392:8D 14 B0 311      STA PIANO4
B395:      312 NOPHANDS EQU *
B395:B9 35 B0 313      LDA REGMAP+4,Y
B398:4A      314      ROR A
B399:B9 09 B1 315      LDA SAVMAPR+1,Y
B39C:2A      316      ROL A
B39D:29 07    317      AND #7
B39F:2A      318      ROL A
B3A0:AA      319      TAX
B3A1:BD B3 B3 320      LDA PIANOSUB,X
B3A4:8D AE B3 321      STA JUMPEE+1
B3A7:BD B4 B3 322      LDA PIANOSUB+1,X
B3AA:8D AF B3 323      STA JUMPEE+2
B3AD:20 00 00 324 JUMPEE DFB $20,0,0
B3B0:4C 08 B4 325      JMP NOPIANGR
B3B3:      326 PIANOSUB EQU *
B3B3:CB B3    327      DW NOPIANOS
B3B5:D5 B3    328      DW INC2PI
B3B7:C3 B3    329      DW CLR1PI
B3B9:CB B3    330      DW NOPIANOS
B3BB:CC B3    331      DW INC1PI
B3BD:CB B3    332      DW NOPIANOS
B3BF:CB B3    333      DW NOPIANOS
B3C1:DA B3    334      DW CLR2FOOT
B3C3:A9 FE    335 CLR1PI LDA ##FE
B3C5:29 09 B1 336      AND SAVMAPR+1,Y

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B3C1:DA B3	334	CLR2FOOT	
B3C3:A9 FE	335	CLR1PI	LDA ##FE
B3C5:39 09 B1	336	AND	SAVMAPR+1,Y
B3C8:99 09 B1	337	STA	SAVMAPR+1,Y
B3CB:	338	NOPIANOS	EQU *
B3CB:60	339	RTS	
B3CC:A9 01	340	INC1PI	LDA ##1
B3CE:19 09 B1	341	ORA	SAVMAPR+1,Y
B3D1:99 09 B1	342	STA	SAVMAPR+1,Y
B3D4:60	343	RTS	
B3D5:A9 02	344	INC2PI	LDA ##2
B3D7:4C CE B3	345	JMP	INC1PI+2
B3DA:A9 FD	346	CLR2FOOT	LDA ##FD
B3DC:39 09 B1	347	AND	SAVMAPR+1,Y
B3DF:99 09 B1	348	STA	SAVMAPR+1,Y
B3E2:C0 15	349	CPY	#21 ;0
B3E4:D0 11	350	BNE	NOTLFOT
B3E6:	351	DOPLF	EQU *
B3E6:AD 15 B0	352	LDA	PIANO1
B3E9:D0 06	353	BNE	OFPLF
B3EB:A9 FF	354	LDA	##FF
B3ED:8D 15 B0	355	STA	PIANO1
B3F0:60	356	RTS	
B3F1:A9 00	357	OFPLF	LDA #0
B3F3:8D 15 B0	358	STA	PIANO1
B3F6:60	359	RTS	
B3F7:	360	NOTLFOT	EQU * ;CPY #21
B3F7:	361	BEQ	DOPLF

B3F7:AD 16 B0	362	LDA	PIANO2
B3FA:D0 06	363	BNE	OFPRF
B3FC:A9 FF	364	LDA	##FF
B3FE:8D 16 B0	365	STA	PIANO2
B401:60	366	RTS	
B402:A9 00	367	OFPRF	LDA ##0
B404:8D 16 B0	368	STA	PIANO2
B407:60	369	RTS	
B408:	370	NOPIANGR	EQU *
B408:A4 21	371	LDY	TTEMP+2
B40A:B9 25 B0	372	LDA	TFLAG,Y
B40D:08	373	PHP	
B40E:B9 10 B2	374	LDA	VOICIS,Y
B411:18	375	CLC	
B412:69 06	376	ADC	#6
B414:AA	377	TAX	
B415:A8	378	TAY	
B416:28	379	PLP	
B417:D0 1A	380	BNE	DOTHISR
B419:85 25	381	STA	TTEMP+6
B41B:A5 20	382	LDA	TTEMP+1
B41D:18	383	CLC	
B41E:69 06	384	ADC	#6
B420:A8	385	TAY	
B421:B9 25 B0	386	LDA	TFLAG,Y
B424:F0 24	387	BEQ	GOSKIPITALL
B426:B9 B7 B0	388	LDA	NOITUNFLG,Y
B429:D0 1F	389	BNE	GOSKIPITALL
B42B:84 21	390	STY	TTEMP+2
B42D:A5 25	391	LDA	TTEMP+6
B42F:18	392	CLC	
B430:69 15	393	ADC	#21
B432:A8	394	TAY	
B433:	395	DOTHISR	EQU *
B433:84 22	396	STY	TTEMP+3
B435:A5 26	397	LDA	TTEMP+7

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B433:A5 26	397	LDA	TTEMP+7
B437:D0 3C	398	BNE	NOFZB
B439:C0 15	399	CPY	#21
B43B:90 04	400	BCC	NOFB2
B43D:A0 07	401	LDY	#7
B43F:D0 02	402	BNE	NOFB1
B441:A0 00	403	LDY	#0
B443:	404	NOFB1	EQU *
B443:B9 5B B0	405	LDA	FBREGS,Y
B446:30 05	406	BMI	DOFZB
B448:10 2B	407	BPL	NOFZB
B44A:4C 1D B5	408	GOSKIPITALL	JMP SKIPITALL
B44D:	409	SKIPEMR	EQU *
B44D:	410	;THIS.DELETE.NEXT.VERSION	
B44D:	411	;LDA TTEMP+3	
B44D:	412	;SEC	
B44D:	413	;SBC #6	
B44D:	414	;TAY	
B44D:	415	;TXA	
B44D:	416	;SEC	
B44D:	417	;SBC #6	
B44D:	418	;TAX	
B44D:	419	;STY TTEMP+5	
B44D:	420	;JMP FORDAN	
B44D:	421	DOFZB	EQU *
B44D:	422	;TRY.TG.STOP.POPS	
B44D:	423	;PHA.DOESNT.WORK	
B44D:	424	;LDA #0	

B44D:	425	;STA \$D418	
B44D:	426	;PLA	
B44D:	427	;THAT.WAY	
B44D:8D 15 D4	428	STA	\$D415
B450:B9 5C B0	429	LDA	FBREGS+1,Y
B453:8D 16 D4	430	STA	\$D416
B456:B9 5D B0	431	LDA	FBREGS+2,Y
B459:8D 17 D4	432	STA	\$D417
B45C:B9 5E B0	433	LDA	FBREGS+3,Y
B45F:8D 18 D4	434	STA	\$D418
B462:B9 5F B0	435	LDA	FBREGS+4,Y
B465:D0 06	436	BNE	ONFZB
B467:A9 FF	437	LDA	#\$FF
B469:85 26	438	STA	TTEMP+7
B46B:D0 08	439	BNE	NOFZB
B46D:	440	ONFZB	EQU *
B46D:A9 00	441	LDA	#0
B46F:99 5B B0	442	STA	FBREGS,Y
B472:99 5F B0	443	STA	FBREGS+4,Y
B475:	444	NOFZB	EQU *
B475:A4 22	445	LDY	TTEMP+3
B477:B9 2F B0	446	LDA	REGMAP-2,Y
B47A:29 01	447	AND	#1
B47C:D0 1C	448	BNE	ROUNDNR
B47E:84 22	449	STY	TTEMP+3
B480:A4 21	450	LDY	TTEMP+2
B482:B9 7B B1	451	LDA	RFLAG+1,Y
B485:	452	;BMI SKIPEMR	
B485:10 11	453	BPL	ROUNDEM
B487:29 7F	454	AND	#\$7F
B489:99 7B B1	455	STA	RFLAG+1,Y
B48C:AD 86 B1	456	LDA	SAVIROT
B48F:8D 14 03	457	STA	\$314
B492:AD 87 B1	458	LDA	SAVIROT+1
B495:8D 15 03	459	STA	\$315
B498:	460	ROUNDEM	EQU *
B499:A4 00	461	LDY	TTEMP+2

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B498:A4 22	461	LDY	TTEMP+3
B49A:	462	ROUNDNR EQU	*
B49A:A9 06	463	LDA	#6
B49C:85 1F	464	STA	TTEMP
B49E:	465	LOPTHISR EQU	*
B49E:B9 31 B0	466	LDA	REGMAP,Y
B4A1:9D 00 D4	467	STA	\$D400,X
B4A4:CA	468	DEX	
B4A5:88	469	DEY	
B4A6:C6 1F	470	DEC	TTEMP
B4A8:10 F4	471	BPL	LOPTHISR
B4AA:C8	472	INY	
B4AB:E8	473	INX	
B4AC:B9 35 B0	474	LDA	REGMAP+4,Y
B4AF:84 24	475	STY	TTEMP+5
B4B1:29 08	476	AND	##8
B4B3:F0 0B	477	BEQ	FORDAN
B4B5:B9 35 B0	478	LDA	REGMAP+4,Y
B4B8:29 F7	479	AND	##F7
B4BA:99 35 B0	480	STA	REGMAP+4,Y
B4BD:9D 04 D4	481	STA	\$D404,X
B4C0:	482	FORDAN EQU	*
B4C0:B9 35 B0	483	LDA	REGMAP+4,Y
B4C3:29 01	484	AND	##1
B4C5:D0 56	485	BNE	SKIPITALL
B4C7:A4 21	486	LDY	TTEMP+2
B4C9:B9 7A B1	487	LDA	RFLAG,Y

B4CC:10 4F	488	BPL	SKIPITALL
B4CE:B9 63 B1	489	LDA	RFREQ+1,Y
B4D1:F0 08	490	BEQ	RREADY
B4D3:38	491	SEC	
B4D4:E9 01	492	SBC	#1
B4D6:99 63 B1	493	STA	RFREQ+1,Y
B4D9:10 42	494	BPL	SKIPITALL
B4DB:A9 00	495	RREADY LDA	#0
B4DD:78	496	SEI	
B4DE:8D 8A B1	497	STA	GOREFLAG
B4E1:A9 08	498	LDA	##8
B4E3:8D 0E DC	499	STA	\$DC0E
B4E6:A9 7F	500	LDA	##7F
B4E8:8D 0D DC	501	STA	\$DC0D
B4EB:B9 62 B1	502	LDA	RFREQ,Y
B4EE:99 63 B1	503	STA	RFREQ+1,Y
B4F1:A9 80	504	LDA	##80
B4F3:19 7B B1	505	ORA	RFLAG+1,Y
B4F6:99 7B B1	506	STA	RFLAG+1,Y
B4F9:B9 6E B1	507	LDA	RTIMER,Y
B4FC:8D 04 DC	508	STA	\$DC04
B4FF:B9 6F B1	509	LDA	RTIMER+1,Y
B502:8D 05 DC	510	STA	\$DC05
B505:B9 4A B1	511	LDA	RADSR,Y
B508:9D 05 D4	512	STA	\$D405,X
B50B:B9 4B B1	513	LDA	RADSR+1,Y
B50E:9D 06 D4	514	STA	\$D406,X
B511:A4 24	515	LDY	TTEMP+5
B513:B9 35 B0	516	LDA	REGMAP+4,Y
B516:A6 20	517	LDX	TTEMP+1
B518:09 01	518	ORA	#1
B51A:9D 8B B1	519	STA	TEMPERARY,X
B51D:	520	SKIPITALL EQU	*
B51E:C6 20	521	DEC	TTEMP+1
B51F:C6 20	522	DEC	TTEMP+1
B521:30 03	523	BMI	DUNREG

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B521:30 03	523	BMI	DUNREG
B523:4C 6F B3	524	JMP	LOPVSR
B526:	525	DUNREG	EQU *
B526:AD 8A B1	526	LDA	GOREFLAG
B529:D0 3E	527	BNE	DUNPLAY
B52B:AD 8B B1	528	LDA	TEMPERARY
B52E:F0 03	529	BEQ	NOTTY1
B530:8D 04 D4	530	STA	\$D404
B533:AD 8D B1	531	NOTTY1	LDA TEMPERARY+2
B536:F0 03	532	BEQ	NOTTY2
B538:8D 0B D4	533	STA	\$D40B
B53B:AD 8F B1	534	NOTTY2	LDA TEMPERARY+4
B53E:F0 03	535	BEQ	NOTTY3
B540:8D 12 D4	536	STA	\$D412
B543:	537	NOTTY3	EQU *
B543:AD 14 03	538	LDA	\$314
B546:8D 86 B1	539	STA	SAVIROT
B549:AD 15 03	540	LDA	\$315
B54C:8D 87 B1	541	STA	SAVIROT+1
B54F:A9 B2	542	LDA	#<SNDIROT
B551:8D 15 03	543	STA	\$315
B554:A9 1E	544	LDA	#>SNDIROT
B556:8D 14 03	545	STA	\$314
B559:AD 0D DC	546	LDA	\$DCOD
B55C:AD 0E DC	547	LDA	\$DCOE
B55F:A9 81	548	LDA	##31
B561:8D 0D DC	549	STA	\$DCOD
B564:A9 19	550	LDA	##19

B566:8D 0E DC	551	STA	\$DCOE
B569:	552	:CLI	
B569:	553	DUNPLAY	EQU *
B569:	554	:BNE	DUNRTN
B569:	555	:LDA	TIMER
B569:	556	:AND	##7F
B569:	557	:BNE	DUNRTN
B569:	558	:STA	\$D417
B569:	559	DUNRTN	EQU *
B569:60	560	RTS	
B56A:	561	TUNEPLY	EQU *
B56A:20 9F FF	562	JSR	\$FF9F
B56D:EE 0F B2	563	INC	TIME3
B570:AD 0F B2	564	LDA	TIME3
B573:29 03	565	AND	#3
B575:D0 03	566	BNE	OKTIME3
B577:EE 0F B2	567	INC	TIME3
B57A:	568	OKTIME3	EQU *
B57A:EE D0 B0	569	INC	TIMER
B57D:AD D0 B0	570	LDA	TIMER
B580:6D 17 B0	571	ADC	SNDRAND
B583:8D 17 B0	572	STA	SNDRAND
B586:CE D1 B0	573	DEC	RATTIME
B589:6D 0F B2	574	ADC	TIME3
B58C:6D D1 B0	575	ADC	RATTIME
B58F:6D D0 B0	576	ADC	TIMER
B592:8D D1 B0	577	STA	RATTIME
B595:A9 FF	578	LDA	##FF
B597:8D 18 B0	579	STA	MCOUNT
B59A:	580	TUNENEXT	EQU *
B59A:EE 18 B0	581	INC	MCOUNT
B59D:AD 18 B0	582	LDA	MCOUNT
B5A0:C9 03	583	CMP	#3
B5A2:90 03	584	BCC	OKMCOUNT
B5A4:4C 5B B3	585	JMP	SETREGS
B5A7:	586	OKMCOUNT	EQU *
B5A7:AC 03	587	LDA	#3

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B5A7:A9 00	587	LDA	#0
B5A9:85 23	588	STA	TTEMP+4
B5AB:F0 09	589	BEQ	DOBANK
B5AD:	590	NXTBANK EQU	*
B5AD:	591	NXTCHANL EQU	*
B5AD:20 94 B6	592	JSR	OFFD000
B5B0:A5 23	593	LDA	TTEMP+4
B5B2:D0 E6	594	BNE	TUNENEXT
B5B4:E6 23	595	INC	TTEMP+4
B5B6:	596	DOBANK EQU	*
B5B6:20 94 B6	597	JSR	OFFD000
B5B9:AD 18 B0	598	LDA	MCOUNT
B5B6:A6 23	599	LDX	TTEMP+4
B5BE:F0 03	600	BEQ	OKBANK
B5C0:18	601	CLC	
B5C1:69 03	602	ADC	#3
B5C3:	603	OKBANK EQU	*
B5C3:0A	604	ASL	A
B5C4:A8	605	TAY	
B5C5:85 20	606	STA	TTEMP+1
B5C7:BE 10 B2	607	LDX	VOICIS,Y
B5CA:B9 19 B0	608	LDA	TUNDELAY,Y
B5CD:D0 11	609	BNE	NXTDLY
B5CF:B9 1A B0	610	LDA	TUNDELAY+1,Y
B5D2:F0 20	611	BEQ	SRDLY
B5D4:99 B8 B0	612	STA	NOITUNFLG+1,Y
B5D7:18	613	CLC	

B5D8:E9 00	614	SBC	#0
B5DA:99 1A B0	615	STA	TUNDELAY+1,Y
B5DD:4C E9 B5	616	JMP	CHKSR
B5E0:	617	NXTDLY EQU	*
B5E0:18	618	CLC	
B5E1:E9 00	619	SBC	#0
B5E3:99 19 B0	620	STA	TUNDELAY,Y
B5E6:4C F1 B5	621	JMP	ENDPLY
B5E9:	622	CHKSR EQU	*
B5E9:BD 35 B0	623	LDA	REGMAP+4,X
B5EC:29 FE	624	AND	##FE
B5EE:9D 35 B0	625	STA	REGMAP+4,X
B5F1:	626	STA	\$D404,X
B5F1:	627	ENDPLY EQU	*
B5F1:4C AD B5	628	JMP	NXTCHANL :RTS
B5F4:	629	SRDLY EQU	*
B5F4:B9 B8 B0	630	LDA	NOITUNFLG+1,Y
B5F7:F0 15	631	BEQ	NOZITYET
B5F9:B9 B7 B0	632	LDA	NOITUNFLG,Y
B5FC:F0 08	633	BEQ	NOBACKTN
B5FE:AD 62 B0	634	LDA	FBREGS+7
B601:09 80	635	ORA	##80
B603:8D 62 B0	636	STA	FBREGS+7
B606:	637	NOBACKTN EQU	*
B606:A9 00	638	LDA	#0
B608:99 B7 B0	639	STA	NOITUNFLG,Y
B60B:99 B8 B0	640	STA	NOITUNFLG+1,Y
B60E:	641	NOZITYET EQU	*
B60E:86 24	642	STX	TTEMP+5
B610:	643	DONEXTNOTE EQU	*
B610:A6 20	644	LDX	TTEMP+1
B612:	645	:ENTER.FROM.SPCLS.THAT.DONT.AFFECT.TUNE	
B612:A0 00	646	LDY	#0
B614:B5 29	647	LDA	TUNEBASE,X
B616:85 35	648	STA	BASETEMP
B618:B5 2A	649	LDA	TUNEBASE+1,X

B618:B5	2A	649	LDA	TONEBASE+1,X
B61A:85	36	650	STA	BASETEMP+1
B61C:A5	01	651	LDA	1
B61E:29	FC	652	AND	##FC
B620:85	01	653	STA	1
B622:B1	35	654	LDA	(BASETEMP),Y
B624:D0	63	655	BNE	STILLPLX
B626:		656	NOTSTILLPLY	EQU *
B626:		657	STX	TTEMP+5
B626:		658	LDX	TTEMP+1
B626:20	94 B6	659	JSR	OFFD000
B629:BD	81 B0	660	LDA	TBLJSR,X
B62C:1D	82 B0	661	ORA	TBLJSR+1,X
B62F:F0	23	662	BEQ	NOTRET
B631:BD	81 B0	663	LDA	TBLJSR,X
B634:95	29	664	STA	TUNEBASE,X
B636:BD	82 B0	665	LDA	TBLJSR+1,X
B639:95	2A	666	STA	TUNEBASE+1,X
B63B:A9	00	667	LDA	#0
B63D:9D	81 B0	668	STA	TBLJSR,X
B640:9D	82 B0	669	STA	TBLJSR+1,X
B643:A6	24	670	LDX	TTEMP+5
B645:A0	06	671	LDY	#6
B647:		672	BACKLOP	EQU *
B647:BD	8D B0	673	LDA	SAVMAP,X
B64A:9D	31 B0	674	STA	REGMAP,X
B64D:E8		675	INX	
B64E:88		676	DEY	

B64F:10	F6	677	BPL	BACKLOP
B651:4C	B6 B5	678	JMP	DOBANK
B654:		679	NOTRET	EQU *
B654:9D	25 B0	680	STA	TFLAG,X
B657:9D	7A B1	681	STA	RFLAG,X
B65A:BD	26 B0	682	LDA	TFLAG+1,X
B65D:F0	92	683	BEQ	ENDPLY
B65F:A9	00	684	LDA	#0
B661:9D	26 B0	685	STA	TFLAG+1,X
B664:E0	06	686	CPX	#6
B666:B0	05	687	BCS	NONOITUN
B668:A9	FF	688	LDA	##FF
B66A:9D	BD B0	689	STA	NOITUNFLG+6,X
B66D:		690	NONOITUN	EQU *
B66D:A6	24	691	LDX	TTEMP+5
B66F:BD	35 B0	692	LDA	REGMAP+4,X
B672:29	FE	693	AND	##FE
B674:9D	35 B0	694	STA	REGMAP+4,X
B677:48		695	PHA	
B678:8A		696	TXA	
B679:38		697	SEC	
B67A:E9	15	698	SBC	#21
B67C:AA		699	TAX	
B67D:B0	03	700	BCS	OKVOISE
B67F:69	15	701	ADC	#21
B681:AA		702	TAX	
B682:68		703	OKVOISE	PLA
B683:9D	04 D4	704	STA	\$D404,X
B686:4C	AD B5	705	JMP	NXTCHANL
B689:		706	STILLPLX	EQU *
B689:48		707	PHA	
B68A:A5	01	708	LDA	1
B68C:29	FC	709	AND	##FC
B68E:95	01	710	STA	1
B690:68		711	PLA	
B691:4C	00 D0	712	JMP	STILLPLY

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B691:4C 00 00	712	;	CHN	STILLPLEY
B694:	713	;		
B694:	714	;		
B694:	715	OFFD000	EQU	*
B694:48	716		PHA	
B695:A5 01	717		LDA	1
B697:09 02	718		ORA	#2
B699:85 01	719		STA	1
B69B:68	720		PLA	
B69C:60	721		RTS	
B69D:	722	;		
B69D:	723	;		
B69D:	724		CHN	R3ITBLSPK
B69D:	1	SP1	EQU	*
B69D:69 20 B8	2		DFB	\$69,\$20,\$B8,3
B6A0:03				
B6A1:20 53 0F	3		DFB	\$20,\$3,15
B6A4:00	4		DFB	0
B6A5:69 20 B8	5	SP2	DFB	\$69,\$20,\$B8,3
B6A8:03				
B6A9:20 60 0F	6		DFB	\$20,\$6,15
B6AC:26	7		DFB	\$26
B6AD:00	8		DFB	0
B6AE:69	9	CN1	DFB	\$69
B6AF:0D 2C B7	10		DFB	\$D,\$2C,\$B7,4,\$21
B6B2:04 21				
B6B4:69	11	CN2	DFB	\$69
B6B5:0D 30 B7	12		DFB	\$D,\$30,\$B7,4,\$21

B69D
B9A0

B6B8:04 21				
B6BA:69	13	CN3	DFB	\$69
B6BB:0D 34 B7	14		DFB	\$D,\$34,\$B7,4,\$21
B6BE:04 21				
B6C0:69	15	CN4	DFB	\$69
B6C1:0D 38 B7	16		DFB	\$D,\$38,\$B7,4,\$21
B6C4:04 21				
B6C6:	17	VL12	EQU	*
B6C6:6E 0D 30	18		DFB	\$6E,\$D,\$30,\$1D,\$80,\$FF,\$F0,0
B6C9:1D 80 FF				
B6CC:F0 00				
B6CE:B4 00	19		DFB	\$B4,0
B6D0:18 00 02	20	VL12A	DFB	\$18,0,2,10
B6D3:0A				
B6D4:D0 B6	21		DW	VL12A
B6D6:21	22		DFB	\$21
B6D7:	23	VL22	EQU	*
B6D7:73 06 F0	24		DFB	\$73,6,\$F0,0
B6DA:00				
B6DB:B4 00	25		DFB	\$B4,0
B6DD:08 00 02	26	VL22A	DFB	\$8,0,2,10
B6E0:0A				
B6E1:DD B6	27		DW	VL22A
B6E3:21	28		DFB	\$21
B6E4:	29	VL13	EQU	*
B6E4:6E 0D 30	30		DFB	\$6E,\$D,\$30,\$1D,\$A0,0,\$10,1
B6E7:1D A0 00				
B6EA:10 01				
B6EC:A2 00	31		DFB	\$A2,0
B6EE:19 00 02	32	VL13A	DFB	\$19,0,2,\$A
B6F1:0A				
B6F2:EE B6	33		DW	VL13A
B6F4:21	34		DFB	\$21
B6F5:	35	VL23	EQU	*
B6F5:73 06 10	36		DFB	\$73,6,\$10,1
B6F8:01				

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B6F8:01					
B6F9:A2 00	37	DFB	\$A2,0		
B6FB:09 00 02	38 VL23A	DFB	9,0,2,\$A		
B6FE:0A					
B6FF:FB B6	39	DW	VL23A		
B701:21	40	DFB	\$21		
B702:6E 0D 38	41 VL14	DFB	\$6E,\$D,\$38,\$1D,\$A0,0,\$10,2		
B705:1D A0 00					
B708:10 02					
B70A:A1 00	42	DFB	\$A1,0		
B70C:19 00 02	43 VL14A	DFB	\$19,0,2,\$11		
B70F:11					
B710:0C B7	44	DW	VL14A		
B712:21	45	DFB	\$21		
B713:73 06 10	46 VL24	DFB	\$73,6,\$10,2,\$A1,0		
B716:02 A1 00					
B719:19 00 02	47 VL24A	DFB	\$19,0,2,\$11		
B71C:11					
B71D:19 B7	48	DW	VL24A		
B71F:21	49	DFB	\$21		
B720:6E 0D 2C	50 VL15	DFB	\$6E,\$D,\$2C,\$1D,\$FC,\$FF,\$E0,0		
B723:1D FC FF					
B726:E0 00					
B728:A1 00	51	DFB	\$A1,0		
B72A:19 00 02	52 VL15A	DFB	\$19,0,2,\$C		
B72D:0C					
B72E:2A B7	53	DW	VL15A		
B730:21	54	DFB	\$21		

B731:73 06 E0	55 VL25	DFB	\$73,6,\$E0,0,\$A1,0		
B734:00 A1 00					
B737:09 00 02	56 VL25A	DFB	9,0,2,\$C		
B73A:0C					
B73B:37 B7	57	DW	VL25A		
B73D:21	58	DFB	\$21		
B73E:6E 0D 2C	59 VL16	DFB	\$6E,\$D,\$2C,\$1D,\$10,0,\$30,0		
B741:1D 10 00					
B744:30 00					
B746:F3 00	60	DFB	\$F3,0		
B748:18 00 02	61 VL16A	DFB	\$18,0,2,8		
B74B:08					
B74C:48 B7	62	DW	VL16A		
B74E:21	63	DFB	\$21		
B74F:73 06 30	64 VL26	DFB	\$73,6,\$30,0,\$F3,0		
B752:00 F3 00					
B755:08 00 02	65 VL26A	DFB	\$8,0,2,8		
B758:08					
B759:55 B7	66	DW	VL26A		
B75B:21	67	DFB	\$21		
B75C:6E 0D 2C	68 VL17	DFB	\$6E,\$D,\$2C,\$1D,\$30,2,\$30,2,\$A0,1		
B75F:1D 30 02					
B762:30 02 A0					
B765:01					
B766:AC 00	69	DFB	\$AC,0		
B768:18 00 02	70 VL17A	DFB	\$18,0,2,\$B		
B76B:0B					
B76C:68 B7	71	DW	VL17A		
B76E:21	72	DFB	\$21		
B76F:73 06 A0	73 VL27	DFB	\$73,6,\$A0,1,\$AC,0		
B772:01 AC 00					
B775:08 00 02	74 VL27A	DFB	8,0,2,\$B		
B778:0B					
B779:75 B7	75	DW	VL27A		
B77B:21	76	DFB	\$21		
B77C:6E 0D 24	77 VL18	DFB	\$6E,\$D,\$24,\$1D,0,2,0,1		

Address	Mask	Offset	Value	Comment
B77C:8E	00 24	77	VL18	DFB \$8E,\$D,\$24,\$1D,\$0,\$2,\$0,\$1
B77F:1B	00 02	78	DFB	\$DC,0
B782:00	01	79	VL18A	DFB \$19,0,2,\$A
B784:DC	00	80	DW	VL18A
B786:19	00 02	81	DFB	6,0,2
B789:0A		82	VL18B	DFB 8,0,2,8
B78A:86	B7	83	DW	VL18B
B78C:06	00 02	84	DFB	\$21
B78F:08	00 02	85	VL28	DFB \$73,6,0,1,\$DC,0
B792:08		86	VL28A	DFB \$9,0,2,\$A
B793:8F	B7	87	DW	VL28A
B795:21		88	DFB	6,0,2
B796:73	06 00	89	VL28B	DFB 8,0,2,8
B799:01	BC 00	90	DW	VL28B
B79C:09	00 02	91	DFB	\$21
B79F:0A		92	VL19	DFB \$6E,\$D,\$24,\$1D,\$10,2,\$50,0
B7A0:9C	B7	93	DW	VL19A
B7A2:06	00 02	94	VL19A	DFB \$18,0,2,\$A
B7A5:08	00 02	95	DW	VL19A
B7A8:08		96	DFB	6,0,1
B7A9:A5	B7	97	VL19B	DFB \$19,0,2,\$A
B7AB:21		98	DW	VL19B
B7AC:6E	0D 24	99	DFB	\$21
B7AF:1D	10 02	100	VL29	DFB \$73,6,\$50,0,\$FB,0
B7B2:50	00	101	VL29A	DFB \$8,0,2,\$A
B7B4:FB	00	102	DW	VL29A
B7B6:18	00 02	103	DFB	6,0,1
B7B9:0A		104	VL29B	DFB 9,0,2,8

B7BA:B6	B7	105	DW	VL29B
B7BC:06	00 01	106	DFB	\$21
B7BF:19	00 02	107	VL11	DFB \$6E,\$D,\$3C
B7C2:0A		108	DFB	6,\$30,0,\$D4,0
B7C3:BF	B7	109	VL11A	DFB \$18,0,2,8
B7C5:21		110	DW	VL11A
B7C6:73	06 50	111	DFB	\$D,\$2C,6,\$30,0
B7C9:00	FB 00	112	VL11B	DFB \$19,0,2,\$C
B7CC:08	00 02	113	DW	VL11B
B7CF:0A		114	DFB	\$21
B7D0:CC	B7	115	VL21	DFB \$73,6,\$30,0,\$D4,0
B7D2:06	00 01	116	VL21A	DFB \$18,0,2,8
B7D5:09	00 02	117	DW	VL21A
B7D8:08		118	DFB	6,\$30,0
B7D9:D5	B7	119	VL21B	DFB \$19,0,2,\$C
B7DB:21		120	DW	VL21B
B7DC:6E	0D 3C	121	DFB	\$21
B7DF:06	30 00	122	VL21	DFB \$73,6,\$30,0,\$D4,0
B7E2:D4	00	123	VL21A	DFB \$18,0,2,8
B7E4:18	00 02	124	DW	VL21A
B7E7:08		125	DFB	6,\$30,0
B7E8:E4	B7	126	VL21B	DFB \$19,0,2,\$C
B7EA:0D	2C 06	127	DW	VL21B
B7ED:30	00	128	DFB	\$21
B7EF:19	00 02	129	VL21	DFB \$73,6,\$30,0,\$D4,0
B7F2:0C		130	VL21A	DFB \$18,0,2,8
B7F3:EF	B7	131	DW	VL21A
B7F5:21		132	DFB	6,\$30,0
B7F6:73	06 30	133	VL21B	DFB \$19,0,2,\$C
B7F9:00	D4 00	134	DW	VL21B
B7FC:18	00 02	135	DFB	\$21
B7FF:08		136	VL21	DFB \$73,6,\$30,0,\$D4,0
B800:FC	B7	137	VL21A	DFB \$18,0,2,8
B802:06	30 00	138	DW	VL21A
B805:19	00 02	139	DFB	6,\$30,0
B808:0C		140	VL21B	DFB \$19,0,2,\$C

B808:05 B8 120 DW VL21B
B80B:21 121 DFB \$21

B80C: 123 :
B80C: 124 :TUNE.TABLES
B80C:A5 0E 30 125 FLUSH1 DFB \$A5,\$E,\$30,\$D,\$44
B80F:0D 44
B811:11 A0 FF 126 DFB \$11,\$A0,\$FF,\$94,\$0
B814:94 00
B816:12 06 20 127 FLL1 DFB \$12,\$6,\$20,\$0,\$8,\$0,\$2,\$8
B819:00 08 00
B81C:02 08
B81E:16 B8 128 DW FLL1
B820:08 38 0D 129 DFB 8,\$38,\$D,\$48,\$11,\$F0,\$FF,\$C,\$AA
B823:48 11 F0
B826:FF 0C AA
B829:C5 00 12 130 FLL2 DFB \$C5,\$0,\$12,\$2,\$60
B82C:02 60
B82E:29 B8 131 DW FLL2
B830:C7 00 02 132 FLL3 DFB \$C7,\$0,\$2,\$40
B833:40
B834:30 B8 133 DW FLL3
B836:11 08 00 134 DFB \$11,\$8,\$0
B839:C4 00 12 135 FLL4 DFB \$C4,\$0,\$12,\$2,\$60
B83C:02 60
B83E:39 B8 136 DW FLL4
B840:26 137 DFB \$26
B841:00 138 DFB 0
B842:AF FE 0C 139 ALARM1 DFB \$AF,\$FE,\$C,\$1
B845:01
B846:43 B8 140 DW ALARM1+1
B848:AF 10 02 141 ALARM2 DFB \$AF,\$10,\$2,\$9E,\$C,\$1
B84B:9E 0C 01
B84E:4B B8 142 DW ALARM2+3
B850:B4 0D 4C 143 RECSTART DFB \$B4,\$D,\$4C
B853:C0 36 02 144 DFB \$C0,\$36,\$2,\$1
B856:01
B857:53 B8 145 DW RECSTART+3
B859:0D 04 00 146 DFB \$D,\$4,\$0

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B839:0D	04 00	148	SAW1	DFB	\$B9,\$C0,0
B85F:06	18 00	148	SAW1L	DFB	6,\$18,0,9,0,2,\$30
B862:09	00 02				
B865:30					
B866:5F	B8	149		DW	SAW1L
B868:A0	00 06	150		DFB	\$A0,0,6,\$50,0
B86B:50	00				
B86D:09	00 02	151	SAW2L	DFB	9,0,2,\$70
B870:70					
B871:4D	B8	152		DW	SAW2L
B873:06	13 00	153	SAW3L	DFB	6,\$13,0,8,0,2,\$40
B876:08	00 02				
B879:40					
B87A:73	B8	154		DW	SAW3L
B87C:06	24 00	155		DFB	6,\$24,0
B87F:09	00 02	156	SAW4L	DFB	9,0,2,\$60
B882:60					
B883:7F	B8	157		DW	SAW4L
B885:06	30 00	158		DFB	6,\$30,0
B888:08	00 02	159	SAW5L	DFB	8,0,2,\$20
B88B:20					
B88C:88	B8	160		DW	SAW5L
B88E:06	10 00	161		DFB	6,\$10,0
B891:09	00 02	162	SAW6L	DFB	9,0,2,\$50
B894:50					
B895:91	B8	163		DW	SAW6L
B897:01		164		DFB	1

B898:5D	B8	165		DW	SAW1+1
B89A:50		166	PUKING	DFB	\$50
B89B:0D	28	167		DFB	\$D,\$28
B89D:20	BC 07	168		DFB	\$20,\$BC,7
B8A0:20	C4 07	169		DFB	\$20,\$C4,7
B8A3:01		170		DFB	1
B8A4:9D	B8	171		DW	PUKING+3
B8A6:50	06 33	172	PUKER1	DFB	\$50,6,\$33,2,\$21
B8A9:02	21				
B8AB:50	06 55	173	PUKER2	DFB	\$50,6,\$55,3,\$21
B8AE:03	21				
B8B0:50	06 F0	174	PUKER3	DFB	\$50,6,\$F0,7,\$21
B8B3:07	21				
B8B5:55	06 77	175	PUKER4	DFB	\$55,6,\$77,\$47,\$21
B8B8:47	21				
B8BA:55	06 99	176	PUKER5	DFB	\$55,6,\$99,\$33,\$21
B8BD:33	21				
B8BF:55	06 EE	177	PUKER6	DFB	\$55,6,\$EE,\$22,\$21
B8C2:22	21				
B8C4:55	06 21	178	PUKER7	DFB	\$55,6,\$21,\$44,\$21
B8C7:44	21				
B8C9:55	06 0F	179	PUKER8	DFB	\$55,6,\$F,\$3F,\$21
B8CC:3F	21				
B8CE:55	10 1E	180	PUKER9	DFB	\$55,\$10,\$1E,\$21
B8D1:21					
B8D2:55	10 16	181	PUKER10	DFB	\$55,\$10,\$16,\$21
B8D5:21					
B8D6:55	10 18	182	PUKER11	DFB	\$55,\$10,\$18,\$21
B8D9:21					
B8DA:55	09 00	183	PUKER12	DFB	\$55,9,0,2,30
B8DD:02	1E				
B8DF:DB	B8	184		DW	PUKER12+1
B8E1:21		185		DFB	\$21
B8E2:55	08 00	186	PUKER13	DFB	\$55,8,0,2,40
B8E5:02	28				
B8E7:E3	B8	187		DW	PUKER13+1

B8E7:E3 B8	187	DW	PUKER13+1
B8E9:21	188	DFB	\$21
B8EA:	189 ;		
B8EA:	190 ;		
B8EA:55 09 00	191	PUKER14 DFB	\$55,9,0,2,20
B8ED:02 14			
B8EF:EB B8	192	DW	PUKER14+1
B8F1:21	193	DFB	\$21
B8F2:64 08 00	194	PUKER15 DFB	\$64,8,0,2,50
B8F5:02 32			
B8F7:F3 B8	195	DW	PUKER15+1
B8F9:21	196	DFB	\$21
B8FA:5F 09 0C	197	PUKER16 DFB	\$5F,9,\$C,2,10
B8FB:02 0A			
B8FF:FB B8	198	DW	PUKER16+1
B901:21	199	DFB	\$21
B902:B4 0B 50	200	TV1	DFB \$B4,\$D,\$50,\$20,103,7
B905:20 67 07			
B908:26	201	DFB	\$26
B909:00	202	DFB	0
B90A:B4 B7 00	203	TVS1	DFB \$B4,\$B7,0,2,\$30
B90D:02 30			
B90F:0B B9	204	DW	TVS1+1
B911:21	205	DFB	\$21
B912:73 C4 0A	206	TVS2	DFB \$73,\$C4,\$A,\$D4,\$C,\$C4,\$A
B915:D4 0C C4			
B918:0A			
B919:D4 0C 94	207	DFB	\$D4,\$C,\$94,\$C,\$94,\$C,\$C5,\$A,\$21

B91C:0C 94 0C			
B91F:C5 0A 21			
B922:5F C6 00	208	TVS3	DFB \$5F,\$C6,0,7,8,2,2,5
B925:07 08 02			
B928:02 05			
B92A:26 B9	209	DW	TVS3+4
B92C:13 61 21	210	DFB	\$13,\$61,\$21
B92F:14 F2 00	211	TVS3L1	DFB \$14,\$F2,0,2,\$10
B932:02 10			
B934:2F B9	212	DW	TVS3L1
B936:06 10 00	213	TVS3L2	DFB 6,\$10,0,8,1,2,\$30
B939:08 01 02			
B93C:30			
B93D:36 B9	214	DW	TVS3L2
B93F:21	215	DFB	\$21
B940:0F C5 0C	216	TVS4	DFB \$F,\$C5,\$C,\$6,\$FF,0,8
B943:06 FF 00			
B946:08			
B947:0C 02 1A	217	DFB	\$C,2,\$1A
B94A:43 B9	218	DW	TVS4+3
B94C:09 12 02	219	TV4L1	DFB 9,\$12,2,\$1A
B94F:1A			
B950:4C B9	220	DW	TV4L1
B952:10 0A 0C	221	DFB	\$10,\$A,\$C,\$41,\$B7,0,6,0,\$10
B955:41 B7 00			
B958:06 00 10			
B95B:08 00 02	222	TV4L2	DFB 8,0,2,\$50
B95E:30			
B95F:5B B9	223	DW	TV4L2
B961:21	224	DFB	\$21
B962:32	225	TVS5	DFB \$32
B963:E5 1A D5	226	DFB	\$E5,\$1A,\$D5,\$A,\$C5,\$A,\$94,\$A
B966:0A C5 0A			
B969:94 0A			
B96B:E4 0A DC	227	DFB	\$E4,\$A,\$DC,\$A,\$B4,\$E
B96E:0A B4 0E			

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B971: A4 0A C5 228 DFB \$A4,\$A,\$C5,\$1A,\$B4,\$A,\$9C,\$A

B974: 1A B4 0A

B977: 9C 0A

B979: E4 0A D4 229 DFB \$E4,\$A,\$D4,\$A,\$CC,\$A,\$A4,\$E

B97C: 0A CC 0A

B97F: A4 0E

B981: E4 0A 94 230 DFB \$E4,\$A,\$94,\$1A,\$C1,\$E,\$D1,\$E

B984: 1A C1 0E

B987: D1 0E

B989: D9 0E 91 231 DFB \$D9,\$E,\$91,\$E,\$21

B98C: 0E 21

B962: 232 TV56 EQU TV55

B90A: 233 TV58 EQU TV51

B98E: 32 C1 0E 234 TV57 DFB \$32,\$C1,\$E,\$F9,\$E

B991: F9 0E

B993: 02 02 235 DFB 2,2

B995: 8F B9 236 DW TV57+1

B997: D9 0E A1 237 TV7L1 DFB \$D9,\$E,\$A1,\$E,2,2

B99A: 0E 02 02

B99D: 97 B9 238 DW TV7L1

B99F: 21 239 DFB \$21

B9A0: 240 CHN R3ITBL0

B9A0: 1 ;.SOUND

B9A0: 2 ;.R3D000, CODE. N. TABLES

B9A0: 3 ;.IN.MYSTERY.RAM

B9A0: 4 ;.AT.D000

B9A0: 5 ;

B9A0: 6 ;.DEVELOP.VERSION

B9A0: 7 ;

B9A0: 8 ;

B9A0: 9 ;ORG \$B000

B9A0: 10 FREQTBL EQU *

B9A0: 11 DS \$10

B9B0: 00 00 12 DFB 0,0

B9B2: 13 DS \$E

B9C0: 14 SCALE EQU *

B9C0: 00 00 00 15 DFB 0,0,0,0,0,0,0,0,0,0,0,0

B9C3: 00 00 00

B9C6: 00 00 00

B9C9: 00 00 00

B9CC: 00 00 00 16 DFB 0,0,0,0,0,0

B9CF: 00 00 00

B9D2: F3 C8 8F 17 DFB \$F3,\$C8,\$8F,\$E1,\$2E,\$FD,\$1E,\$86

B9D5: E1 2E FD

B9D8: 1E 86

B9DA: 8B 96 FA 18 DFB \$8B,\$96,\$FA,\$A8,\$6,\$B3

B9DD: A8 06 B3

B9E0: 00 00 00 19 DEADT2 DFB 0,0,0,0,0,0,0,0,0,0

B9E3: 00 00 00

B9E6: 00 00 00

B9E9: 00

B9EA: 00 0F 0D 20 DEADT DFB 0,\$F,\$D,4,\$4,\$82,0,0

B9ED: 04 04 82

B9F0: 00 00

B9F2: 21 ;DFB 0,0,0,0,0,0,0,0,0,0

B9F2: E6 D4 F8 22 DFB \$E6,\$D4,\$F8,\$EE,\$1E,\$86,\$18,\$8E

B9F5: EE 1E 86

B9F8: 18 8E

B9FA: 7E 9F 06 23 DFB \$7E,\$9F,\$6,\$B3,\$AC,\$BD

B9FD: B3 AC BD

BA00: 24 ;

BA00: 25 ;TUNE.TABLES

BA00: 26 ;

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BA00:	26	:
BA00:	27	:
BA00:	28	:
BA00:	29	:
BA00:	30	:
BA00:	31	:
BA00:	32	FBTBL EQU *
BA00:80 00 00	33	DFB \$80,0,0,\$F
BA03:0F		
BA04:80 00 00	34	DFB \$80,0,\$00,\$0F
BA07:0F		
BA08:	35	:FOR.KEY.TYPEWRITE
BA08:80 20 F1	36	DFB \$80,\$20,\$F1,\$4F
BA0B:4F		
BA0C:	37	:FOR.CR.TYPE.,.DOG.WHINE
BA0C:80 00 F1	38	DFB \$80,\$00,\$F1,\$2F
BA0F:2F		
BA10:	39	:PIANI
BA10:F0 0F 07	40	DFB \$F0,\$0F,\$07,\$4F
BA13:4F		
BA14:	41	:PHONE.BELL.\$14
BA14:F0 6F F6	42	DFB \$F0,\$6F,\$F6,\$1F
BA17:1F		
BA18:	43	:BRUSH.\$19
BA18:80 FF F6	44	DFB \$80,\$FF,\$F6,\$2F
BA1B:2F		
BA1C:	45	:\$1C.HOSE(WATER)
BA1C:80 FF F1	46	DFB \$80,\$FF,\$F1,\$4F

BA1F:4F		
BA20:	47	:\$20.PHONE.DOWN.SWITCHHOOK
BA20:80 70 F2	48	DFB \$80,\$70,\$F2,\$2F
BA23:2F		
BA24:	49	:\$24.DOG.BARK
BA24:80 48 F1	50	DFB \$80,\$48,\$F1,\$1F
BA27:1F		
BA28:	51	:\$28.PIANO.VOLUME.SET
BA28:80 00 00	52	DFB \$80,0,0,\$A
BA2B:0A		
BA2C:	53	:\$2C.CON.S.
BA2C:80 40 F3	54	DFB \$80,\$40,\$F3,\$2F
BA2F:2F		
BA30:	55	:\$30.CON.S2
BA30:80 60 F3	56	DFB \$80,\$60,\$F3,\$2F
BA33:2F		
BA34:	57	:\$34.CON.S3
BA34:80 80 F3	58	DFB \$80,\$80,\$F3,\$2F
BA37:2F		
BA38:	59	:\$38.CON.S4
BA38:80 A0 F3	60	DFB \$80,\$A0,\$F3,\$2F
BA3B:2F		
BA3C:	61	:\$3C.VL1
BA3C:80 00 F3	62	DFB \$80,0,\$F3,\$2F
BA3F:2F		
BA40:	63	:\$40.R1.BASS
BA40:80 FF F1	64	DFB \$80,\$FF,\$F1,\$3F ;\$6F???
BA43:3F		
BA44:	65	:\$44.FLUSH.A
BA44:80 6F F2	66	DFB \$80,\$6F,\$F2,\$2F
BA47:2F		
BA48:	67	:\$48.FLUSH.B
BA48:80 FF F2	68	DFB \$80,\$FF,\$F2,\$2F
BA4B:2F		
BA4C:	69	:\$4C.START.RECORD
BA4C:80 90 F1	70	DFB \$80,\$90,\$F1,\$2F
BA4F:2F		

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BA4F:2F
BA50: 71 ;
BA50: 72 ;
BA50: 73 ;
BA50: 74 VTBL EQU *
BA50:00 02 00 75 DFB 0,2,0,\$5,\$44,4
BA53:05 44 04
BA56: 76 ;6
BA56:00 03 00 77 DFB 0,3,0,6,\$44,4
BA59:06 44 04
BA5C: 78 ;C
BA5C:00 02 00 79 DFB 0,2,0,\$07,\$44,4
BA5F:07 44 04
BA62: 80 ;12
BA62:00 01 00 81 DFB 0,1,0,\$A,\$44,4
BA65:0A 44 04
BA68: 82 ;18
BA68:00 01 00 83 DFB 0,1,0,5,\$44,4
BA6B:05 44 04
BA6E: 84 ;1E
BA6E:00 01 00 85 DFB 0,1,0,3,\$20,0
BA71:03 20 00
BA74: 86 ;24...KEY.TYPEWRITE
BA74:00 02 00 87 DFB 0,2,0,7,\$44,0
BA77:07 44 00
BA7A: 88 ;\$2A.TAP.GLASS
BA7A:00 05 00 89 DFB 0,5,0,9,\$44,4

BA7D:09 44 04
BA80: 90 ;\$30.FLUSH
BA80:00 02 00 91 DFB 0,2,0,\$F,\$1B
BA83:0F 1B
BA85: 92 ;
BA85: 93 ;
BA85: 94 ;
BA85: 95 ;
BA85: 96 ;
BA85: 97 ;
BA85: 98 ADSRTBL EQU *
BA85:00 00 01 99 DFB \$0,0,\$1,1,2,1,2,9,0,\$A
BA88:01 02 01
BA8B:02 09 00
BA8E:0A
BA8F: 100 ;PIANOS
BA8F:03 08 03 101 DFB 3,8,3,2,3,14,3,5,2,2,1,2
BA92:02 03 0E
BA95:03 05 02
BA98:02 01 02
BA9B: 102 ;\$16
BA9B:03 20 03 103 DFB 3,32,3,26,3,44,3,68
BA9E:1A 03 2C
BAA1:03 44
BAA3: 104 ;\$1E
BAA3:03 14 01 105 DFB \$3,20,1,1,3,38
BAA6:01 03 26
BAA9: 106 ;\$24
BAA9: 107 ;BELL.PIANO
BAA9:03 20 108 DFB \$3,\$20
BAAB: 109 ;\$26
BAAB:01 01 110 DFB 1,1
BAAD: 111 ;#\$28-\$2B,BRUSH
BAAD:03 03 03 112 DFB 3,3,3,4
BAB0:04
BAB1: 113 ;\$2C.WATER.HOSE
BAB1:05 00 114 DFB \$5,0

BAB1:	FF 00	114	DFB	%FF,0
BAB3:		115	;	\$2E,\$30,\$32.PIANO.(DOOWOP)
BAB3:	03 5C 03	116	DFB	3,92,3,116,3,140
BAB6:	74 03 8C			
BAB9:		117	;	\$34.PIANO(DW)
BAB9:	03 0C	118	DFB	3,12
BABB:		119	;	\$36.FOR.START.RECORD
BABB:	28 40	120	DFB	\$28,\$40
BABD:		121	;	\$38.FOR.FLUS
BABD:	00 30	122	DFB	0,\$30
BABF:		123	;	\$3A,3C,\$3E,R2
BABF:	03 2D 03	124	DFB	3,45,3,10,3,17
BAC2:	0A 03 11			
BAC5:		125	;	ALPHA.TO.HERE
BAC5:		126	;	
BAC5:		127	;	
BAC5:		128	;	
BAC5:		129	;	
BAC5:		130	CHN	FIRST,6,2
----- NEXT OBJECT FILE NAME IS MUSE1BJ1				
BC00:		1	ORG	%BC00
BC00:		2	CHN	MUSE11

BC00:		2	;	
BC00:		3	;	
BC00:		4	;	
BC00:		5	;	
BC00:		6	;	PIANO1.FIRST.PART
BC00:	28	7	PBA1	DFB \$28
BC01:	0A 10 0A	8	DFB	\$A,PBA11C,\$A,PBA11C,\$21
BC04:	10 21			
BC06:	28	9	PBA11	DFB \$28
BC07:	23 C2 C3	10	DFB	\$23,\$C2,\$C3,\$E2,\$E3,\$92,\$93
BC0A:	E2 E3 92			
BC0D:	93			
BC0E:	A2 A3 AA	11	DFB	\$A2,\$A3,\$AA,\$AB,\$A2,\$A3
BC11:	AB A2 A3			
BC14:	92 93 E2	12	DFB	\$92,\$93,\$E2,\$E3,\$24,\$80,\$B
BC17:	E3 24 80			
BC1A:	0B			
BC1B:	28	13	PBA2	DFB \$28
BC1C:	23 C3 C4	14	DFB	\$23,\$C3,\$C4,\$AA,\$AB
BC1F:	AA AB			
BC21:	A2 A3 9A	15	DFB	\$A2,\$A3,\$9A,\$9B
BC24:	9B			
BC25:	92 93 EA	16	DFB	\$92,\$93,\$EA,\$EB
BC28:	EB			
BC29:	D2 D3 92	17	DFB	\$D2,\$D3,\$92,\$93
BC2C:	93			
BC2D:	24 80 23	18	DFB	\$24,\$80,\$23,\$C2,\$C3,\$E1,\$E2
BC30:	C2 C3 E1			
BC33:	E2			
BC34:	F1 F2 F9	19	DFB	\$F1,\$F2,\$F9,\$FA
BC37:	FA			
BC38:	91 92 CA	20	DFB	\$91,\$92,\$CA,\$CB
BC3B:	CB			
BC3C:	C2 C3 FA	21	DFB	\$C2,\$C3,\$FA,\$FB
BC3F:	FB			
BC40:	24 80 21	22	DFB	\$24,\$80,\$21

BC40:24	80	21	22	DFB	\$24,\$80,\$21
BC43:28	C3	0A	23	PBA4	DFB \$28,\$C3,\$A,\$C3,\$A,\$C3,\$A
BC46:C3	0A	C3			
BC49:0A					
BC4A:C3	16		24	DFB	\$C3,\$16
BC4C:FA	0A	FA	25	DFB	\$FA,\$A,\$FA,\$A,\$FA,\$A,\$FA,\$16
BC4F:0A	FA	0A			
BC52:FA	16				
BC54:C3	0A	C3	26	DFB	\$C3,\$A,\$C3,\$A,\$C3,\$A
BC57:0A	C3	0A			
BC5A:92	0A	92	27	DFB	\$92,\$A,\$92,\$A,\$92,\$A
BC5D:0A	92	0A			
BC60:C3	16	C2	28	DFB	\$C3,\$16,\$C2,\$16,\$21
BC63:16	21				
BC65:28			29	PBA8	DFB \$28
BC66:C3	1C	C3	30	DFB	\$C3,\$1C,\$C3,\$1C,\$C2,\$1C
BC69:1C	C2	1C			
BC6C:10	0A	C2	31	DFB	\$10,\$A,\$C2,\$A,\$CA,\$A
BC6F:0A	CA	0A			
BC72:D2	0A	DA	32	DFB	\$D2,\$A,\$DA,\$A,\$E2,\$A,\$21
BC75:0A	E2	0A			
BC78:21					
BC79:28	23		33	PBB1	DFB \$28,\$23
BC7B:F2	F3	DA	34	DFB	\$F2,\$F3,\$DA,\$DB
BC7E:DB					
BC7F:D2	D3	CA	35	DFB	\$D2,\$D3,\$CA,\$CB
BC82:CB					
BC83:C2	F1	A1	36	DFB	\$C2,\$F1,\$A1,\$A2

BC86:A2					
BC87:A9	AA	B1	37	DFB	\$A9,\$AA,\$B1,\$B2
BC8A:B2					
BC8B:24	80	21	38	DFB	\$24,\$80,\$21
BC8E:28	23		39	PBB2	DFB \$28,\$23
BC90:F2	F3	A1	40	DFB	\$F2,\$F3,\$A1,\$A2
BC93:A2					
BC94:C2	C3	D2	41	DFB	\$C2,\$C3,\$D2,\$D3
BC97:D3					
BC98:DA	DB	D2	42	DFB	\$DA,\$DB,\$D2,\$D3
BC9B:D3					
BC9C:C2	C3	A1	43	DFB	\$C2,\$C3,\$A1,\$A2
BC9F:A2					
BCA0:24	80	21	44	DFB	\$24,\$80,\$21
BCA3:28	23		45	PBC1	DFB \$28,\$23
BCA5:92	93	C3	46	DFB	\$92,\$93,\$C3,\$C4
BCA8:C4					
BCA9:E2	E3	9A	47	DFB	\$E2,\$E3,\$9A,\$9B
BCAC:9B					
BCAD:A2	A3	E2	48	DFB	\$A2,\$A3,\$E2,\$E3
BCB0:E3					
BCB1:A1	A2	DA	49	DFB	\$A1,\$A2,\$DA,\$DB
BCB4:DB					
BCB5:24	80	21	50	DFB	\$24,\$80,\$21
BCB8:28			51	PBC2	DFB \$28
BCB9:0A	10	21	52	DFB	\$A,PBA11C,\$21
BCBC:28	23		53	PBD1	DFB \$28,\$23
BCBE:D2	D3	E2	54	DFB	\$D2,\$D3,\$E2,\$E3
BCC1:E3					
BCC2:F2	F3	FA	55	DFB	\$F2,\$F3,\$FA,\$FB
BCC5:FB					
BCC6:92	93	A2	56	DFB	\$92,\$93,\$A2,\$A3
BCC9:A3					
BCCA:AA	AB	B2	57	DFB	\$AA,\$AB,\$B2,\$B3
BCCD:B3					
BCCE:24	80	21	58	DFB	\$24,\$80,\$21

BCD1:28 23	59	PBD2	DFB	\$28,\$23
BCD3:91 92 B1	60		DFB	\$91,\$92,\$B1,\$B2
BCD4:B2				
BCD7:D2 D3 E2	61		DFB	\$D2,\$D3,\$E2,\$E3
BCDA:E3				
BCDB:F2 F3 E2	62		DFB	\$F2,\$F3,\$E2,\$E3
BCDE:E3				
BCDF:D2 D3 CA	63		DFB	\$D2,\$D3,\$CA,\$CB
BCE2:CB				
BCE3:24 80 21	64		DFB	\$24,\$80,\$21
BCE6:28 23	65	PBE1	DFB	\$28,\$23
BCE8:C2 C3 A9	66		DFB	\$C2,\$C3,\$A9,\$AA
BCEB:AA				
BCEC:A1 A2 99	67		DFB	\$A1,\$A2,\$99,\$9A
BCEF:9A				
BCF0:91 92 92	68		DFB	\$91,\$92,\$92,\$92
BCF3:92				
BCF4:92 91 91	69		DFB	\$92,\$91,\$91,\$91
BCF7:91				
BCF8:24 80 21	70		DFB	\$24,\$80,\$21
BCFB:28 23	71	PBE2	DFB	\$28,\$23
BCFB:C2 C3 DA	72		DFB	\$C2,\$C3,\$DA,\$DB
BD00:DB				
BD01:D2 D3 FA	73		DFB	\$D2,\$D3,\$FA,\$FB
BD04:FB				
BD05:92 91 A1	74		DFB	\$92,\$91,\$A1,\$A2
BD08:A2				

BD09:A2 AA B1	75		DFB	\$A2,\$AA,\$B1,\$B2
BD0C:B2				
BD0D:24 80 21	76		DFB	\$24,\$80,\$21
BD10:	77			
BD10:	78			
BD10:23 E4 0A	79	PMA4	DFB	\$23,\$E4,\$A,\$E4,\$A,\$E4,\$A
BD13:E4 0A E4				
BD16:0A				
BD17:E4 16 DC	80		DFB	\$E4,\$16,\$DC,\$A,\$DC,\$A,\$DC,\$A
BD1A:0A DC 0A				
BD1D:DC 0A				
BD1F:DC 16 94	81		DFB	\$DC,\$16,\$94,\$A,\$94,\$A,\$94,\$A
BD22:0A 94 0A				
BD25:94 0A				
BD27:FC 0A FC	82		DFB	\$FC,\$A,\$FC,\$A,\$FC,\$A
BD2A:0A FC 0A				
BD2D:01	83		DFB	1
BD2E:6D C6	84		DW	INPMA3
BD30:23	85	PMA8	DFB	\$23
BD31:C4 0A C4	86		DFB	\$C4,\$A,\$C4,\$C,\$C4,\$A,\$C4,\$E
BD34:0C C4 0A				
BD37:C4 0E				
BD39:C4 0C C4	87		DFB	\$C4,\$C,\$C4,\$A,\$C4,\$C,2,0
BD3C:0A C4 0C				
BD3F:02 00				
BD41:31 BD	88		DW	PMA8+1
BD43:E4 0A E4	89		DFB	\$E4,\$A,\$E4,\$C,\$E4,\$A,\$E4,\$E
BD46:0C E4 0A				
BD49:E4 0E				
BD4B:E4 0C E4	90		DFB	\$E4,\$C,\$E4,\$A,\$E4,\$C,\$10,\$A
BD4E:0A E4 0C				
BD51:10 0A				
BD53:E4 0A F4	91		DFB	\$E4,\$A,\$F4,\$A,\$FC,\$A,\$94,\$A
BD56:0A FC 0A				
BD59:94 0A				
BD5B:9C 0A 01	92		DFB	\$9C,\$A,1
BD5E:70 C4	93		DW	INPMA8

BD5E:70 C6	93	DW	INPMAB
BD60:23 94 OA	94 PHA4	DFB	\$23,\$94,\$A,\$94,\$A,\$94,\$A
BD63:94 OA 94			
BD66:OA			
BD67:94 16 FC	95	DFB	\$94,\$16,\$FC,\$A,\$FC,\$A,\$FC,\$A
BD6A:OA FC OA			
BD6D:FC OA			
BD6F:FC 16 AC	96	DFB	\$FC,\$16,\$AC,\$A,\$AC,\$A,\$AC,\$A
BD72:OA AC OA			
BD75:AC OA			
BD77:A4 OA A4	97	DFB	\$A4,\$A,\$A4,\$A,\$A4,\$A
BD7A:OA A4 OA			
BD7D:01	98	DFB	1
BD7E:2B DB	99	DW	INPMB3
BD80:23	100 PHA8	DFB	\$23
BD81:C4 18 C4	101	DFB	\$C4,\$18,\$C4,\$E,\$C4,\$C,\$C4,\$E
BD84:OE C4 OC			
BD87:C4 OE			
BD89:E4 18 E4	102	DFB	\$E4,\$18,\$E4,\$E,\$E4,\$C,\$E4,\$E
BD8C:OE E4 OC			
BD8F:E4 OE			
BD91:94 18 94	103	DFB	\$94,\$18,\$94,\$E,\$94,\$C,\$94,\$18
BD94:OE 94 OC			
BD97:94 18			
BD99:94 OA 9C	104	DFB	\$94,\$A,\$9C,\$A,\$A4,\$A
BD9C:OA A4 OA			
BD9F:AC OA B4	105	DFB	\$AC,\$A,\$B4,\$A,1

BDA2:OA 01			
BDA4:2E DB	106	DW	INPMBB
BDA6:	107 ;		
BDA6:	108 ;		
BDA6:	109 ;		
BDA6:	110 ;		
BDA6:	111 ;		
BDA6:28 C3 1C	112 PIBA1	DFB	\$28,\$C3,\$1C,\$21
BDA9:21			
BDA9:28 C4 16	113 PIBA2	DFB	\$28,\$C4,\$16,\$A3,\$16,\$21
BDA9:A3 16 21			
BDB0:28 93 1C	114 PIBA3	DFB	\$28,\$93,\$1C,\$21
BDB3:21			
BDB4:28 C3 1A	115 PIBA4	DFB	\$28,\$C3,\$1A,\$E3,\$1E,\$21
BDB7:E3 1E 21			
BDBA:23 C4 18	116 PIMA1	DFB	\$23,\$C4,\$18,\$E4,\$E,\$94,\$1E,\$21
BDBD:E4 OE 94			
BDC0:1E 21			
BDC2:23 94 18	117 PIMA2	DFB	\$23,\$94,\$18,\$94,\$E,\$A4,\$C
BDC5:94 OE A4			
BDC8:OC			
BDC9:E4 OE 21	118	DFB	\$E4,\$E,\$21
BDCC:23 C4 OE	119 PIMA3	DFB	\$23,\$C4,\$E,\$94,\$E,\$E4,\$E,\$C5,\$E,\$21
BDCF:94 OE E4			
BDD2:OE C5 OE			
BDD5:21			
BDD6:23 E4 1A	120 PIMA4	DFB	\$23,\$E4,\$1A,\$E4,\$1E,\$21
BDD9:E4 1E 21			
BDDC:23 C6 OA	121 PIHA1	DFB	\$23,\$C6,\$A,\$E5,\$C
BDDF:E5 OC			
BDE1:95 OA AD	122	DFB	\$95,\$A,\$AD,\$E,\$A5,\$1E,\$21
BDE4:OE A5 1E			
BDE7:21			
BDE8:23 E6 OA	123 PIHA2	DFB	\$23,\$E6,\$A,\$F6,\$C,\$E6,\$A
BDEB:F6 OC E6			
BDEE:OA			
BDEE:C6 OE D5	124	DFB	\$C6,\$E,\$D5,\$E,\$E5,\$C,\$21

BDEF:06	0E	D5	124	DFB	*C6,\$E,\$D5,\$E,\$E5,\$C,\$21	
BDF2:0E	E5	0C				
BDF5:21						
BDF6:23	95	0E	125	PIHA3	DFB	*23,\$95,\$E,\$E5,\$A
BDF9:E5	0A					
BDFB:F5	0E	95	126	DFB	*F5,\$E,\$95,\$1E,\$21	
BDFF:1E	21					
BE00:23	C6	18	127	PIHA4	DFB	*23,\$C6,\$18,\$A5,\$E
BE03:A5	0E					
BE05:95	1E	21	128	DFB	*95,\$1E,\$21	
BE08:28	A3	16	129	PIBB1	DFB	*28,\$A3,\$16,\$CB,\$16,\$21
BE0B:CB	16	21				
BE0E:28	CB	16	130	PIBB2	DFB	*28,\$CB,\$16,\$E3,\$16,\$21
BE11:E3	16	21				
BE14:28	A3	18	131	PIBB3	DFB	*28,\$A3,\$18,\$A3,\$E,\$E3,\$1E,\$21
BE17:A3	0E	E3				
BE1A:1E	21					
BE1C:28	F3	16	132	PIBB4	DFB	*28,\$F3,\$16,\$E4,\$16,\$21
BE1F:E4	16	21				
BE22:23	AC	18	133	PIMB1	DFB	*23,\$AC,\$18,\$A4,\$E,\$A4,\$1E,\$21
BE25:A4	0E	A4				
BE28:1E	21					
BE2A:23	E4	0E	134	PIMB2	DFB	*23,\$E4,\$E,\$F4,\$A,\$E4,\$E,\$CC,\$1E,\$21
BE2D:F4	0A	E4				
BE30:0E	CC	1E				
BE33:21						
BE34:23	FC	18	135	PIMB3	DFB	*23,\$FC,\$18,\$FC,\$E,\$FC,\$C,\$FC,\$E,\$21

BE37:FC	0E	FC				
BE3A:0C	FC	0E				
BE3D:21						
BE3E:23	CC	0E	136	PIMB4	DFB	*23,\$CC,\$E,\$E4,\$A,\$F4,\$E,\$E4,\$1E,\$21
BE41:E4	0A	F4				
BE44:0E	E4	1E				
BE47:21						
BE48:23	47	E5	137	PIHB1	DFB	*23,\$47,\$E5,\$F5,\$E5,\$D5
BE4B:F5	E5	D5				
BE4E:CD	AD	A5	138	DFB	*CD,\$AD,\$A5,\$95,\$24,\$B5 ;,\$21	
BE51:95	24	B5				
BE54:23	46	DD	139	PIHB2	DFB	*23,\$46,\$DD,\$DD,\$DD,\$DD
BE57:DD	DD	DD				
BE5A:AD	AD	AD	140	DFB	*AD,\$AD,\$AD,\$24,\$B4 ;,\$21	
BE5D:24	B4					
BE5F:23	A5	1C	141	PIHB3	DFB	*23,\$A5,\$1C,\$21
BE62:21						
BE63:23	CE	0E	142	PIHB4	DFB	*23,\$CE,\$E,\$AD,\$A
BE66:AD	0A					
BE68:A5	0E	95	143	DFB	*A5,\$E,\$95,\$C,\$F5,\$A,\$E5,\$C,\$21	
BE6B:0C	F5	0A				
BE6E:E5	0C	21				
BE71:28	D3	0E	144	PIBC1	DFB	*28,\$D3,\$E,\$D3,\$E,\$9B,\$E,\$9B,\$E,\$21
BE74:D3	0E	9B				
BE77:0E	9B	0E				
BE7A:21						
BE7B:28	F3	16	145	PIBC2	DFB	*28,\$F3,\$16,\$FB,\$16,\$21
BE7E:FB	16	21				
BE81:28	9B	1C	146	PIBC3	DFB	*28,\$9B,\$1C,\$21
BE84:21						
BE85:28	F2	1C	147	PIBC4	DFB	*28,\$F2,\$1C,\$21
BE88:21						
BE89:23	F4	16	148	PIMC1	DFB	*23,\$F4,\$16,\$A4,\$16,\$21
BE8C:A4	16	21				
BE8F:23	D4	0E	149	PIMC2	DFB	*23,\$D4,\$E,\$F4,\$E,\$9C,\$E,\$B4,\$E,\$21
BE92:F4	0E	9C				

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BF2B:1D	D5	24	185	PMA17	DFB	\$2D	
BF2F:2D			186		DFB	\$43,\$95,\$AD,\$A5,\$9D,\$24,\$A9	:21
BF30:43	95	AD					
BF33:A5	9D	24					
BF36:A9							
BF37:23			187	PMB17	DFB	\$23	
BF38:45	C5	C4	188		DFB	\$45,\$C5,\$C4,\$DC,\$E4,\$94,\$A4	
BF3B:DC	E4	94					
BF3E:A4							
BF3F:24	AB		189		DFB	\$24,\$AB	:21
BF41:2D			190	PMA21	DFB	\$2D	
BF42:42	DE	D6	191		DFB	\$42,\$DE,\$D6,\$B5,\$24,\$B3	:21
BF45:B5	24	B3					
BF48:23	47		192	PMB21	DFB	\$23,\$47	
BF4A:DE	E6	96	193		DFB	\$DE,\$E6,\$96,\$AD,\$A5	
BF4D:AD	A5						
BF4F:DE	FD	F5	194		DFB	\$DE,\$FD,\$F5,\$24,\$B6	:21
BF52:24	B6						
BF54:23			195	PMA22	DFB	\$23	
BF55:46	C6	AD	196		DFB	\$46,\$C6,\$AD,\$95,\$F5	
BF58:95	F5						
BF5A:D5	DD	C5	197		DFB	\$D5,\$DD,\$C5,\$24,\$B4	:21
BF5D:24	B4						
BF5F:23	46		198	PMB22	DFB	\$23,\$46	
BF61:DE	DE	C6	199		DFB	\$DE,\$DE,\$C6,\$AD	
BF64:AD							
BF65:95	FD	F5	200		DFB	\$95,\$FD,\$F5,\$24,\$B4	:21

BF68:24	B4						
BF6A:2D	41		201	PMA23	DFB	\$2D,\$41	
BF6C:A4	C5	24	202		DFB	\$A4,\$C5,\$24,\$B1	:21
BF6F:B1							
BF70:23	42		203	PMB23	DFB	\$23,\$42	
BF72:E6	AD	B5	204		DFB	\$E6,\$AD,\$B5,\$24,\$B2	:21
BF75:24	B2						
BF77:23	42		205	PMA24	DFB	\$23,\$42	
BF79:FD	F5	DD	206		DFB	\$FD,\$F5,\$DD,\$24,\$A8	:21
BF7C:24	A8						
BF7E:23	42		207	PMB24	DFB	\$23,\$42	
BF80:AD	A5	FD	208		DFB	\$AD,\$A5,\$FD,\$24,\$A8	:21
BF83:24	A8						
BF85:23	10	16	209	PMA25	DFB	\$23,\$10,\$16	
BF88:10	0E	B5	210		DFB	\$10,\$E,\$B5,\$E,\$21	
BF8B:0E	21						
BF8D:23	10	16	211	PMB25	DFB	\$23,\$10,\$16,\$10	
BF90:10							
BF91:0E	96	0E	212		DFB	\$E,\$96,\$E,\$21	
BF94:21							
BF95:23	40		213	PMA26	DFB	\$23,\$40	
BF97:A4	24	AD	214		DFB	\$A4,\$24,\$AD	:21
BF9A:23	40		215	PMB26	DFB	\$23,\$40	
BF9C:C5	24	AD	216		DFB	\$C5,\$24,\$AD	:21
BF9F:23	4B		217	PMA27	DFB	\$23,\$4B	
BFA1:F6	CE	A5	218		DFB	\$F6,\$CE,\$A5,\$F5,\$CD,\$A4	
BFA4:F5	CD	A4					
BFA7:FC	AC	D5	219		DFB	\$FC,\$AC,\$D5,\$FD,\$AD,\$D6	
BFAA:FD	AD	D6					
BFAD:24	AE		220		DFB	\$24,\$AE	:21
BFAF:23	4A		221	PMB27	DFB	\$23,\$4A	
BFB1:DE	B5	95	222		DFB	\$DE,\$B5,\$95,\$DD,\$B4,\$94	
BFB4:DD	B4	94					
BFB7:9C	C5	E5	223		DFB	\$9C,\$C5,\$E5,\$9D,\$C6,\$24	
BFBA:9D	C6	24					
BFBD:AF			224		DFB	\$AF	:21

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BFBE:2D 43	225 PMA28	DFB	\$2D,\$43
BFC0:F5 C5 DD	226	DFB	\$F5,\$C5,\$DD,\$AC,\$24,\$A9 :21
BFC3:AC 24 A9			
BFC6:23 47	227 PMB28	DFB	\$23,\$47
BFC8:DE F6 DE	228	DFB	\$DE,\$F6,\$DE,\$AD,\$C6
BFCB:AD C6			
BFD0:F5 95 AD	229	DFB	\$F5,\$95,\$AD,\$24,\$B6 :21
BFD0:24 B6			
BFD2:23 47	230 PMA31	DFB	\$23,\$47
BFD4:AC C5 DD	231	DFB	\$AC,\$C5,\$DD,\$AC,\$C5,\$DD
BFD7:AC C5 DD			
BFDA:AC C5 24	232	DFB	\$AC,\$C5,\$24,\$B5 :21
BFDD:B5			
BFDE:23 47	233 PMB31	DFB	\$23,\$47
BFE0:F5 95 AD	234	DFB	\$F5,\$95,\$AD,\$F5,\$95,\$AD
BFE3:F5 95 AD			
BFE6:F5 95 24	235	DFB	\$F5,\$95,\$24,\$B5 :21
BFE9:B5			
BFEA:23 42	236 PMA32	DFB	\$23,\$42
BFEC:E5 F5 E5	237	DFB	\$E5,\$F5,\$E5,\$24,\$AC :21
BFEF:24 AC			
BFF1:23 42	238 PMB32	DFB	\$23,\$42
BFF3:95 A5 95	239	DFB	\$95,\$A5,\$95,\$24,\$AC :21
BFF6:24 AC			
BFF8:23 42	240 PMA33	DFB	\$23,\$42
BFFA:AD 95 F5	241	DFB	\$AD,\$95,\$F5,\$24,\$B2 :21
BFFD:24 B2			

BFFF:23 42	242 PMB33	DFB	\$23,\$42
C001:D6 C6 AD	243	DFB	\$D6,\$C6,\$AD,\$24,\$B2 :21
C004:24 B2			
C006:23 47	244 PMA34	DFB	\$23,\$47
C008:9C A4 C5	245	DFB	\$9C,\$A4,\$C5,\$DD,\$C5
C00B:DD C5			
C00D:AC 94 F4	246	DFB	\$AC,\$94,\$F4,\$24,\$B6 :21
C010:24 B6			
C012:23 47	247 PMB34	DFB	\$23,\$47
C014:DD E5 95	248	DFB	\$DD,\$E5,\$95,\$AD,\$95
C017:AD 95			
C019:F5 D5 C5	249	DFB	\$F5,\$D5,\$C5,\$24,\$B6 :21
C01C:24 B6			
C01E:2D 43	250 PMA35	DFB	\$2D,\$43
C020:94 F4 D4	251	DFB	\$94,\$F4,\$D4,\$F4,\$24,\$A9 :21
C023:F4 24 A9			
C026:23 42	252 PMB35	DFB	\$23,\$42
C028:B5 DE D6	253	DFB	\$B5,\$DE,\$D6,\$24,\$AA :21
C02B:24 AA			
C02D:2D 43	254 PMA36	DFB	\$2D,\$43
C02F:95 FD F5	255	DFB	\$95,\$FD,\$F5,\$DD,\$24,\$B0 :21
C032:DD 24 B0			
C035:2D 43	256 PMB36	DFB	\$2D,\$43
C037:D6 CE C6	257	DFB	\$D6,\$CE,\$C6,\$AD,\$24,\$B0 :21
C03A:AD 24 B0			
C03D:23 4B	258 PMA37	DFB	\$23,\$4B
C03F:FD 95 95	259	DFB	\$FD,\$95,\$95,\$F5,\$FD,\$FD
C042:F5 FD FD			
C045:E5 F5 F5	260	DFB	\$E5,\$F5,\$F5,\$DD,\$E5,\$E5
C048:DD E5 E5			
C04B:24 AE	261	DFB	\$24,\$AE :21
C04D:23 4B	262 PMB37	DFB	\$23,\$4B
C04F:A5 AD AD	263	DFB	\$A5,\$AD,\$AD,\$9D,\$A5,\$A5
C052:9D A5 A5			
C055:95 9D 9D	264	DFB	\$95,\$9D,\$9D,\$FD,\$95,\$95
C058:FD 95 95			

C05B:24	AE	265	DFB	\$24,\$AE	:21
C05D:23	44	266	PMA38	DFB	\$23,\$44
C05F:AD	AD 95	267	DFB	\$AD,\$AD,\$95,\$F5,\$95	
C062:F5	95				
C064:24	A7	268	DFB	\$24,\$A7	:21
C066:23	44	269	PMB38	DFB	\$23,\$44
C068:D6	D6 C6	270	DFB	\$D6,\$D6,\$C6,\$AD,\$C6	
C06B:AD	C6				
C06D:24	A7	271	DFB	\$24,\$A7	:21
C06F:23	42	272	PMA41	DFB	\$23,\$42
C071:9C	94 FC	273	DFB	\$9C,\$94,\$FC,\$24,\$B3	:21
C074:24	B3				
C076:23	45	274	PMB41	DFB	\$23,\$45
C078:95	AD D6	275	DFB	\$95,\$AD,\$D6,\$F6	
C07B:F6					
C07C:A6	DE 24	276	DFB	\$A6,\$DE,\$24,\$AB	:21
C07F:AB					
C080:23	4B	277	PMA42	DFB	\$23,\$4B
C082:DE	AD C6	278	DFB	\$DE,\$AD,\$C6,\$AD,\$F3,\$95	
C085:AD	F5 95				
C088:F5	C5 DD	279	DFB	\$F5,\$C5,\$DD,\$F5,\$95,\$AD	
C08B:F5	95 AD				
C08E:24	AE	280	DFB	\$24,\$AE	:21
C090:23	4B	281	PMB42	DFB	\$23,\$4B
C092:96	D6 F6	282	DFB	\$96,\$D6,\$F6,\$DE,\$AD,\$C6	
C095:DE	AD C6				
C098:AD	95 9D	283	DFB	\$AD,\$95,\$9D,\$A5,\$C6,\$DE	

C09B:A5	C6 DE				
C09E:24	AE	284	DFB	\$24,\$AE	:21
COA0:23	42	285	PMA43	DFB	\$23,\$42
COA2:A5	AD 95	286	DFB	\$A5,\$AD,\$95,\$24,\$B2	:21
COA5:24	B2				
COA7:23	42	287	PMB43	DFB	\$23,\$42
COA9:D6	DE C6	288	DFB	\$D6,\$DE,\$C6,\$24,\$B2	:21
COAC:24	B2				
COAE:23	46	289	PMA44	DFB	\$23,\$46
COB0:96	95 94	290	DFB	\$96,\$95,\$94,\$94	
COB3:94					
COB4:95	94 94	291	DFB	\$95,\$94,\$94,\$24,\$B4	:21
COB7:24	B4				
COB9:23	47	292	PMB44	DFB	\$23,\$47
COBB:E5	95 DD	293	DFB	\$E5,\$95,\$DD,\$95,\$D5,\$95	
COBE:95	D5 95				
COC1:C5	AC 24	294	DFB	\$C5,\$AC,\$24,\$B5	:21
COC4:B5					
COC5:23	43	295	PMA45	DFB	\$23,\$43
COC7:95	FD F5	296	DFB	\$95,\$FD,\$F5,\$E5,\$24,\$B0	:21
COCA:E5	24 B0				
COCB:23	43	297	PMB45	DFB	\$23,\$43
COCF:C6	C6 C6	298	DFB	\$C6,\$C6,\$C6,\$C6,\$24,\$B0	:21
COD2:C6	24 B0				
COD5:2D	42	299	PMA46	DFB	\$2D,\$42
COD7:FC	FC FC	300	DFB	\$FC,\$FC,\$FC,\$24,\$B3	:21
CODA:24	B3				
CODC:2D	42	301	PMB46	DFB	\$2D,\$42
CODE:DD	DD DD	302	DFB	\$DD,\$DD,\$DD,\$24,\$B3	:21
COE1:24	B3				
COE3:23	41	303	PMA47	DFB	\$23,\$41
COE5:FC	FC 24	304	DFB	\$FC,\$FC,\$24,\$B1	:21
COE8:B1					
COE9:23	41	305	PMB47	DFB	\$23,\$41
COE9:05	24	306	DFB	\$DD,\$D5,\$24,\$B1	:21