

SPACE at 0700

DCOO-end

WED/TH  
ASm + TEST  
Y

SCAT TO  
ACT

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sent to Annals/Caltech  
4-23-85

```
SOURCE FILE: R3YCODE
SOURCE FILE: R3ITBL0
SOURCE FILE: R3ITBLSPK
SOURCE FILE: R3ID000
SOURCE FILE: R3ISUBS
SOURCE FILE: R3ITBL2
SOURCE FILE: R3ITBL3
0000: 1 ; SOUND
0000: 2 ; RCODE
0000: 3 ; BY. TODD. MARSHALL
0000: 4 ; FOR. BIG. TOP. GAME
0000: 5 ; COPYRIGHT. BY
0000: 6 ; JAMES. WICKSTEAD. DESIGN. ASSOCIATES
0000: 7 ; 1984
0000: 8 ; ADAPTED. FOR. ALPHA. PET. PERSON
0000: 9 ; FEB. 1985
0000: 10 ;
0000: 11 ;
0000: 12 ;
0000: 13 DSECT
001F: 14 ORG $39-26
001F: 15 TTEMP DS 10
0029: 16 TUNE32 DS 2
002B: 17 TUNE322 DS 2
002D: 18 TUNE323 DS 2
002F: 19 DS 6
0035: 20 TUN032 DS 4
0039: 21 ;
0039: 22 ;
0000: 23 DEND
----- NEXT OBJECT FILE NAME IS R3YCODE.OBJO
B000: 24 ORG $B000
B000:4C E1 B1 25 JMP GETUP
B003:4C EB B4 26 JMP TUN041
B006:4C 66 B2 27 JMP TUN042
B009:4C 53 B2 28 JMP TUN043
B00C:4C 66 B2 29 JMP TUN044
B00F:4C 53 B2 30 JMP TUN045
B012: 31 SNDRAM1 EQU *
B012: 32 TUNE003 DS 1
B013: 33 SND403 DS 1
B014: 34 SND404 DS 1
B015: 35 SND401 DS 1
B016: 36 SND402 DS 1
B017: 37 TIME3 EQU *
B017: 38 SNDRAND DS 1
B018: 39 TUN0133 DS 1
B019: 40 TUN03011 DS 6
B01F: 41 DS 6
B025: 42 TONE003 DS 12
B031: 43 TONE301 DS 21
B046: 44 TONE3012 DS 21
B05B: 45 TUNE51 EQU *
B05B: 46 TUN051 DS 14
B069: 47 TUN0301 DS 12
B075: 48 TUN03012 DS 12
B081: 49 TUN301 DS 12
B08D: 50 MAPFB DS 42
B087: 51 GERRYSELDON DS 12
B0C3:00 52 TESTONE003 DFB 0 ;FOR. DEVELOP. ONLY
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B0D0: 54 TIMER DS 1
B0D1: 55 RATTIME DS 1
B0D2: 56 FBMAPT30 DS 42
B0FC: 57 TUN3012 DS 12
B108: 58 FBMAPOT DS 42
B132: 59 TUN301R DS 12
B13E: 60 TUN30124 DS 12
B14A: 61 SAVIROT DS 2
B14C: 62 SAVMON DS 2
B14E: 63 T3TM4 DS 12
B15A: 64 TUN431 DS 12
B166: 65 TUN432 DS 12
B172: 66 SNDRAM2 EQU *
B173: 67 MAP2FBOT DS 96
B1D2: 68 TIME3 DS 1
B1D3: 69 ;
B1D3: 70 ;
B1D3: 71 ;
B1D3: 72 ;
B1D3: 73 ;
B1D3: 74 T3TEMP EQU *
B1D3:00 00 07 75 DFB 0,0,7,7,14,14,21,21,28,28,35,35,42,42
B1D9:07 0E 0E
B1D9:15 15 1C
B1DC:1C 23 23
B1DF:2A 2A
B1E1: 76 ;
B1E1: 77 ;
B1E1: 78 GETUP EQU *
B1E1: 79 ;
B1E1:78 80 SEI
B1E2:A9 12 81 LDA #>SNDRAM1
B1E4:85 35 82 STA TUN032
B1E6:A9 B0 83 LDA #<SNDRAM1
B1E8:85 36 84 STA TUN032+1
B1EA:A0 00 85 LDY #0
B1EC: 86 CLRSNDAM EQU *
B1EC:A5 35 87 LDA TUN032
B1EE:C9 72 88 CMP #>SNDRAM2
B1F0:90 06 89 BCC SNDRAMNVR
B1F2:A5 36 90 LDA TUN032+1
B1F4:C9 B1 91 CMP #<SNDRAM2
B1F6:B0 0C 92 BCS SNDRAMISVR
B1F8:A9 00 93 SNDRAMNVR LDA #0
B1FA:91 35 94 STA (TUN032),Y
B1FC:E6 35 95 INC TUN032
B1FE:D0 EC 96 BNE CLRSNDAM
B200:E6 36 97 INC TUN032+1
B202:D0 E8 98 BNE CLRSNDAM
B204: 99 SNDRAMISVR EQU *
B204:AD 14 03 100 LDA $314
B207:8D 4A B1 101 STA SAVIROT
B20A:AD 15 03 102 LDA $315
B20D:8D 4B B1 103 STA SAVIROT+1
B210:A9 00 104 LDA #0
B212:20 53 B2 105 JSR TUN043
B215:A9 00 106 LDA #0
B217: 107 DOSTART EQU *
B217:4C 66 B2 108 JMP TUN042
B21A: 109 ;
B21A: 110 ;
B21A: 111 ;
```

B21A:

111 :

B21A:

112 :

B21A: 113 :

B21A: 114 :

B21A: 115 TTUN3SD EQU \*

B21A:A0 00 116 LDY #0

B21C:A6 20 117 LDX TTEMP+1

B21E:B5 29 118 LDA TUNE32,X

B220:85 35 119 STA TUN032

B222:B3 2A 120 LDA TUNE32+1,X

B224:85 36 121 STA TUN032+1

B226:B1 35 122 LDA (TUN032),Y

B228:9D C4 B0 123 STA TON30,X

B22B:E6 35 124 INC TUN032

B22D:D0 02 125 BNE OKTESTT

B22F:E6 36 126 INC TUN032+1

B231:B1 35 127 OKTESTT LDA (TUN032),Y

B233:9D C5 B0 128 STA TON30+1,X

B236:E6 35 129 INC TUN032

B238:D0 02 130 BNE OKTESTT2

B23A:E6 36 131 INC TUN032+1

B23C: 132 OKTESTT2 EQU \*

B23C:A5 35 133 LDA TUN032

B23E:95 29 134 STA TUNE32,X

B240:A5 36 135 LDA TUN032+1

B242:95 2A 136 STA TUNE32+1,X

B244:A6 24 137 LDX TTEMP+5

B246:60 138 RTS

B247: 139 ;.SOUND

B247: 140 ;.BY.TODD.MARSHALL

B247: 141 ;.COPYRIGHT1984.JWDA

B247: 142 ;

B247: 143 ;

B247: 144 ;

B247: 145 ;

B247: 146 T30T11 EQU \*

B247:20 62 D1 147 JSR TTUN3TUNALL

B24A:4C 9C B5 148 JMP TUN015

B24D: 149 T30T12 EQU \*

B24D:20 5E D2 150 JSR T3001FB

B250:4C 9C B5 151 JMP TUN015

B253: 152 ;

B253: 153 TUN043 EQU \*

B253: 154 TUN045 EQU \*

B253:8C 4E B1 155 STY T3TM4

B256:A0 00 156 LDY #0

B258:F0 11 157 BEQ TMT334

B25A: 158 T30T13 EQU \*

B25A:20 AA D1 159 JSR TTUN3TUNANY

B25D:4C 9C B5 160 JMP TUN015

B260: 161 T30T14 EQU \*

B260:20 BB D2 162 JSR T3001PD

B263:4C 9C B5 163 JMP TUN015

B266: 164 TUN042 EQU \*

B266: 165 TUN044 EQU \*

B266:8C 4E B1 166 STY T3TM4

B269:A0 06 167 LDY #6

B26B: 168 TMT334 EQU \*

B26B:48 169 PHA

B26C:78 170 SEI

B26D:A5 01 171 LDA 1

B26F:29 FC 172 AND ##FC

B271:85 01 173 STA 1

B273:68 174 PLA



B273:85	173	CLR	
B274:8E 4F B1	175	STX	T3TM4+1
B277:0A	176	ASL	A
B278:85 1F	177	STA	TTEMP
B27A:18	178	CLC	
B27B:65 1F	179	ADC	TTEMP
B27D:18	180	CLC	
B27E:65 1F	181	ADC	TTEMP
B280:AA	182	TAX	
B281:	183	;MAP,AWAY,BASIC,AT,A000	
B281:	184	;LDA \$1	
B281:	185	;AND #\$FE	
B281:	186	;STA \$1	
B281:A9 02	187	LDA	#2
B283:85 22	188	STA	TTEMP+3
B285:	189	LOOPTUNE EQU *	
B285:84 20	190	STY	TTEMP+1
B287:86 1F	191	STX	TTEMP
B287:BD 64 D7	192	LDA	TUNFB03,X
B28C:1D 65 D7	193	ORA	TUNFB03+1,X
B28F:F0 47	194	BEQ	T4TUNE6
B291:99 25 80	195	STA	TONE003,Y
B294:BD 64 D7	196	LDA	TUNFB03,X
B297:99 29 00	197	STA	TUNE32,Y
B29A:85 35	198	STA	TUN032
B29C:BD 65 D7	199	LDA	TUNFB03+1,X
B29F:99 2A 00	200	STA	TUNE32+1,Y
B2A2:85 36	201	STA	TUN032+1
B2A4:A9 00	202	LDA	#0
B2A6:99 19 B0	203	STA	TUN03011,Y
B2A9:99 1A B0	204	STA	TUN03011+1,Y
B2AC:99 69 B0	205	STA	TUN0301,Y
B2AF:99 75 B0	206	STA	TUN03012,Y
B2B2:8D 12 B0	207	STA	TUNE003
B2B5:99 81 B0	208	STA	TUN301,Y
B2B8:99 B7 B0	209	STA	GERRYSELDON,Y
B2BB:A8	210	TAY	
B2BC:B1 35	211	LDA	(TUN032),Y
B2BE:20 0F B3	212	JSR	DOTUNE6
B2C1:A6 20	213	LDX	TTEMP+1
B2C3:BC D3 B1	214	LDY	T3TEMP,X
B2C6:A2 00	215	LDX	#0
B2C8:8A	216	TXA	
B2C9:99 08 B1	217	STA	FBMAP0T,Y
B2CC:20 60 D3	218	JSR	TONEBB
B2CF:A9 FF	219	LDA	#\$FF
B2D1:99 5F B0	220	STA	TUN051+4,Y
B2D4:A6 1F	221	LDX	TTEMP
B2D6:A4 20	222	LDY	TTEMP+1
B2D8:	223	T4TUNE6 EQU *	
B2D9:E8	224	INX	
B2D9:E8	225	INX	
B2DA:C8	226	INY	
B2DB:C8	227	INY	
B2DC:C6 22	228	DEC	TTEMP+3
B2DE:10 A5	229	BPL	LOOPTUNE
B2E0:AC 4E B1	230	LDY	T3TM4
B2E3:AE 4F B1	231	LDX	T3TM4+1
B2E6:AD D0 B0	232	LDA	TIMER
B2E9:6D 17 B0	233	ADC	SNDRAND
B2EC:8D D1 B0	234	STA	RATTIME
B2EF:20 1D B6	235	JSR	OFFD000
B2F2:58	236	CLI	
B2F3:60	237	RTS	

B2F3:60 233 RTS  
B2F4: 238 T30T15 EQU \*

B2F4:20 BB D2 239 JSR T3001PD

B2F7:20 D3 D1 240 JSR T3001SD

B2FA:4C 8F D0 241 JMP TONEB3

B2FD: 242 T30T16 EQU \*

B2FD:20 BB D2 243 JSR T3001PD

B300:20 D7 D1 244 JSR T3001SI

B303:4C 8F D0 245 JMP TONEB3

B306: 246 T30T17 EQU \*

B306:20 BB D2 247 JSR T3001PD

B309:20 5E D2 248 JSR T3001FB

B30C:4C 9C B5 249 JMP TUN015

B30F: 250 ;RTS

B30F: 251 DOTUNE6 EQU \*

B30F:A3 252 TAY

B310:A6 20 253 LDX TTEMP+1

B312:F6 29 254 INC TUNE32,X

B314:D0 02 255 BNE NOILR7

B316:F6 2A 256 INC TUNE32+1,X

B318: 257 NOILR7 EQU \*

B318: 258 ;

B318: 259 ;

B318:BD D3 B1 260 LDA T3TEMP,X

B31B:AA 261 TAX

B31C: 262 ;FOLLOWING,OUT.DUE.TO,BUG

B31C: 263 ;

B31C: 264 ;LDA #0

B31C: 265 ;STA TUN051,X

B31C: 266 ;CPX #21

B31C: 267 ;BCS NOTNOICLR

B31C: 268 ;STA \$D404,X

B31C: 269 NOTNOICLR EQU \*

B31C:A9 04 270 LDA #4

B31E:85 21 271 STA TTEMP+2

B320: 272 TUNE6 EQU \*

B320:B9 80 D5 273 LDA T30,Y

B323: 274 ;STA \$D400,X

B323:9D 33 B0 275 STA TONE301+2,X

B326:E8 276

B327:C8 277

B328:C6 21 278 DEC TTEMP+2

B32A:10 F4 279 BPL TUNE6

B32C:60 280

B32D: 281

B32D: 281 T30T1B EQU \*

B32D:20 5E D2 282 JSR T3001FB

B330:20 BB D2 283 JSR T3001PD

B333:20 D7 D1 284 JSR T3001SI

B336:4C 8F D0 285 JMP TONEB3

B339: 286 T30T1C EQU \*

B339:20 62 D1 287 JSR TTUN3TUNALL

B33C:20 AA D1 288 JSR TTUN3TUNANY

B33F:4C 9C B5 289 JMP TUN015

B342: 290 T30T1E EQU \*

B342:20 AA D1 291 JSR TTUN3TUNANY

B345:20 1A B2 292 JSR TTUN3SD

B348:4C 9C B5 293 JMP TUN015

B34B: 294 ;

B34B: 295 ;

B34B: 296 ;

B34B: 297 ;

B34B: 298 T3TMG0 EQU \*

B34B:A9 00 299 LDA #0

B34D:8D 4C B1 300 STA T3TM4

B340:80 42 B1 300 STA T3TM4  
B350:8D 50 B1 301 STA T3TM4+2

B353:8D 52 B1 302 STA T3TM4+4

B356:85 26 303 STA TTEMP+7  
B358:A9 04 304 LDA #4 ;LOP,3,VOICES  
B35A:85 20 305 STA TTEMP+1

B35C: 306 LOPVSR EQU \*  
B35C:A4 20 307 LDY TTEMP+1  
B35E:84 21 308 STY TTEMP+2

B360: 309 ;DO, FOR, TUNE, (B6)  
B360:B9 D3 B1 310 LDA T3TEMP, Y  
B363:18 311 CLC

B364:69 15 312 ADC #21  
B366:A8 313 TAY  
B367:B9 08 B1 314 LDA FBMAPOT, Y

B36A:D0 18 315 BNE OKSND40I  
B36C:4C 28 B4 316 JMP NOSND40GR  
B36F:4C D0 B3 317 TUNE51XT JMP NOSND40S

B372: 318 OKSND50I EQU \*  
B372:B9 32 B0 319 TUNE61XT LDA TONE301+1, Y  
B375:29 20 320 AND #20

B377:D0 03 321 BNE NOTONE3B  
B379:4C 26 B5 322 JMP TONE3B  
B37C: 323 NOTONE3B EQU \*

B37C:49 1F 324 EOR #1F  
B37E:99 32 B0 325 STA TONE301+1, Y  
B381:4C D0 B3 326 JMP NOSND40S

B384: 327 ;CPY #7  
B384: 328 ;BEQ NOPSND040S  
B384: 329 OKSND40I EQU \*

B384:C0 1C 330 CPY #28  
B38A:F0 12 331 BEQ NOPSND040S  
B38B:B9 35 B0 332 LDA TONE301+4, Y

B38B:29 01 333 AND #1  
B38D:C0 15 334 CPY #21  
B38F:D0 06 335 BNE NOTLH

B391: 336 DOLH1 EQU \*  
B391:8D 13 B0 337 STA SND403  
B394:4C 9A B3 338 JMP NOPSND040S

B397: 339 NOTLH EQU \* ;CPY #0  
B397: 340 ;BEQ DOLH1  
B397:8D 14 B0 341 STA SND404

B39A: 342 NOPSND040S EQU \*  
B39A:B9 35 B0 343 LDA TONE301+4, Y  
B39D:6A 344 ROR A

B39E:B9 09 B1 345 LDA FBMAPOT+1, Y  
B3A1:2A 346 ROL A  
B3A2:29 07 347 AND #7

B3A4:2A 348 ROL A  
B3A5:AA 349 TAX  
B3A6:BD B8 B3 350 LDA SND40SUB, X

B3A9:8D B3 B3 351 STA JUMPEE+1  
B3AC:BD B9 B3 352 LDA SND40SUB+1, X  
B3AF:8D B4 B3 353 STA JUMPEE+2

B3B2:20 00 00 354 JUMPEE DFB \$20,0,0  
B3B5:4C 28 B4 355 JMP NOSND40GR  
B3B8: 356 SND40SUB EQU \*

B3B8:D0 B3 357 DW NOSND40S  
B3BA:DA B3 358 DW INC2PI  
B3BC:C8 B3 359 DW CLR1PI

B3BE:D0 B3 360 DW NOSND40S  
B3C0:D1 B3 361 DW INC1PI  
B3C2:D0 B3 362 DW NOSND40S

B3C4:D0 B3 363 DW NOSND40S

B3C4:D0 B3 363 CLR2SND40S  
B3C6:DF B3 364 DW CLR2SND140

B3C8:A9 FE 365 CLR1PI LDA #\$FE  
B3CA:39 09 B1 366 AND FBMAPOT+1,Y  
B3CD:99 09 B1 367 STA FBMAPOT+1,Y  
B3D0: 368 NOSND40S EQU \*  
B3D0:60 369 RTS  
B3D1:A9 01 370 INC1PI LDA #\$1  
B3D3:19 09 B1 371 ORA FBMAPOT+1,Y  
B3D6:99 09 B1 372 STA FBMAPOT+1,Y  
B3D9:60 373 RTS  
B3DA:A9 02 374 INC2PI LDA #\$2  
B3DC:4C D3 B3 375 JMP INC1PI+2  
B3DF:A9 FD 376 CLR2SND140 LDA #\$FD  
B3E1:39 09 B1 377 AND FBMAPOT+1,Y  
B3E4:99 09 B1 378 STA FBMAPOT+1,Y  
B3E7:C0 15 379 CPY #21 ;0  
B3E9:D0 11 380 BNE NOTLFOT  
B3EB: 381 DOPLF EQU \*  
B3EB:AD 15 B0 382 LDA SND401  
B3EE:D0 06 383 BNE OFFPLF  
B3F0:A9 FF 384 LDA #\$FF  
B3F2:8D 15 B0 385 STA SND401  
B3F5:60 386 RTS  
B3F6:A9 00 387 OFFPLF LDA #0  
B3F8:8D 15 B0 388 STA SND401  
B3FB:60 389 RTS  
B3FC: 390 NOTLFOT EQU \* ;CPY #21  
B3FC: 391 ;BEQ DOPLF  
B3FC:AD 16 B0 392 LDA SND402  
B3FF:D0 06 393 BNE OFFPRF  
B401:A9 FF 394 LDA #\$FF  
B403:8D 16 B0 395 STA SND402  
B406:60 396 RTS  
B407:A9 00 397 OFFPRF LDA #0  
B409:8D 16 B0 398 STA SND402  
B40C:60 399 RTS  
B40D: 400 T30T1F EQU \*  
B40D:20 62 D1 401 JSR TTUN3TUNALL  
B410:20 AA D1 402 JSR TTUN3TUNANY  
B413:20 1A B2 403 JSR TTUN3SD  
B416:4C 9C B5 404 JMP TUN015  
B419: 405 T30T1D EQU \*  
B419:20 62 D1 406 JSR TTUN3TUNALL  
B41C:20 1A B2 407 JSR TTUN3SD  
B41F:4C 9C B5 408 JMP TUN015  
B422:8D 12 B0 409 T30T26 STA TUNE003  
B425:4C 9C B5 410 JMP TUN015  
B428: 411 NOSND40GR EQU \*  
B428:A4 21 412 LDY TTEMP+2  
B42A:B9 25 B0 413 LDA TONE003,Y  
B42D:08 414 PHP  
B42E:B9 D3 B1 415 LDA T3TEMP,Y  
B431:18 416 CLC  
B432:69 06 417 ADC #6  
B434:AA 418 TAX  
B435:A8 419 TAY  
B436:28 420 PLP  
B437:D0 1A 421 BNE DOTHISR  
B439:85 25 422 STA TTEMP+6  
B43B:A5 20 423 LDA TTEMP+1  
B43D:18 424 CLC  
B43E:69 06 425 ADC #6  
B440:A8 426 TAY  
B441:B8 05 B0 427 LDA TONE003,Y

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B440:A8 422 TAY  
B441:B9 25 B0 427 LDA TONE003,Y

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B444:F0 24 428 BEQ GOSKIPITALL
B446:B9 B7 B0 429 LDA GERRYSELDON,Y
B449:D0 1F 430 BNE GOSKIPITALL
B44B:84 21 431 STY TTEMP+2
B44D:A5 25 432 LDA TTEMP+6
B44F:18 433 CLC
B450:69 15 434 ADC #21
B452:A8 435 TAY
B453: 436 DOTHISR EQU *
B453:84 22 437 STY TTEMP+3
B455:A5 26 438 LDA TTEMP+7
B457:D0 60 439 BNE NOFZB
B459:C0 15 440 CPY #21
B45B:90 04 441 BCC NOFB2
B45D:A0 07 442 LDY #7
B45F:D0 02 443 BNE NOFB1
B461:A0 00 444 NOFB2 LDY #0
B463: 445 NOFB1 EQU *
B463:B9 5B B0 446 LDA TUN051,Y
B466:30 05 447 BMI DOFZB
B468:10 4F 448 BPL NOFZB
B46A:4C E1 B4 449 GOSKIPITALL JMP SKIPITALL
B36F: 450 TUNEB11 EQU TUNESIXT
B46D: 451 SKIPEMR EQU *
B46D: 452 ;THIS.DELETE.NEXT.VERSION
B46D: 453 ;LDA TTEMP+3
B46D: 454 ;SEC
B46D: 455 ;SBC #6
B46D: 456 ;TAY
B46D: 457 ;TXA
B46D: 458 ;SEC
B46D: 459 ;SBC #6
B46D: 460 ;TAX
B46D: 461 ;STY TTEMP+5
B46D: 462 ;JMP FORDAN
B46D: 463 DOFZB EQU *
B46D: 464 ;TRY.TO.STOP.PQPS
B46D: 465 ;PHA.DOESNT.WORK
B46D: 466 ;LDA #0
B46D: 467 ;STA $D418
B46D: 468 ;PLA
B46D: 469 ;THAT.WAY
B46D:8D 15 D4 470 STA $D415
B470:B9 5C B0 471 LDA TUN051+1,Y
B473:8D 16 D4 472 STA $D416
B476:B9 5D B0 473 LDA TUN051+2,Y
B479:8D 17 D4 474 STA $D417
B47C:B9 5E B0 475 LDA TUN051+3,Y
B47F:8D 18 D4 476 STA $D418
B482:B9 5F B0 477 LDA TUN051+4,Y
B485:D0 2A 478 BNE ONFZB
B487:A9 FF 479 LDA #$FF
B489:85 26 480 STA TTEMP+7
B48B:D0 2C 481 BNE NOFZB
B48D: 482 T30T18 EQU *
B48D:20 5E D2 483 JSR T3001FB
B490:20 D3 D1 484 JSR T3001SD
B493:4C 8F D0 485 JMP TONEB3
B496: 486 T30T19 EQU *
B496:20 5E D2 487 JSR T3001FB
B499:20 D7 D1 488 JSR T3001SI
B49C:4C 8F D0 489 JMP TONEB3

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B49C:4C 8F D0 489 JMP TUNE83  
B49F: 490 T30T1A EQU \*

B49F:20 5E D2 491 JSR T3001FB  
B4A2:20 8B D2 492 JSR T3001PD  
B4A5:20 D3 D1 493 JSR T3001SD  
B4A8:4C 8F D0 494 JMP TONEB3  
B4AB:9D 08 B1 495 T30T27 STA FEMAPOT,X  
B4AE:4C 9C B5 496 JMP TUN015  
B4B1: 497 ONFZB EQU \*  
B4B1:A9 00 498 LDA #0  
B4B3:99 5B B0 499 STA TUN051,Y  
B4B6:99 5F B0 500 STA TUN051+4,Y  
B4B9: 501 NOFZB EQU \*  
B4B9: 502 ROUNDEMR EQU \*  
B4B9:A4 22 503 LDY TTEMP+3  
B4BB: 504 ROUNDR EQU \*  
B4BB:A9 06 505 LDA #6  
B4BD:85 1F 506 STA TTEMP  
B4BF: 507 LOPTHISR EQU \*  
B4BF:B9 31 B0 508 LDA TONE301,Y  
B4C2:9D 00 D4 509 STA \$D400,X  
B4C5:CA 510 DEX  
B4C6:88 511 DEY  
B4C7:C6 1F 512 DEC TTEMP  
B4C9:10 F4 513 BPL LOPTHISR  
B4CB:C8 514 INY  
B4CC:E8 515 INX  
B4CD:B9 35 B0 516 LDA TONE301+4,Y  
B4D0:84 24 517 STY TTEMP+5  
B4D2:29 08 518 AND #8  
B4D4:F0 0B 519 BEQ FORDAN  
B4D6:B9 35 B0 520 LDA TONE301+4,Y  
B4D9:29 F7 521 AND #F7  
B4DB:99 35 B0 522 STA TONE301+4,Y  
B4DE:9D 04 D4 523 STA \$D404,X  
B4E1: 524 FORDAN EQU \*  
B4E1: 525 SKIPITALL EQU \*  
B4E1:C6 20 526 DEC TTEMP+1  
B4E3:C6 20 527 DEC TTEMP+1  
B4E5:30 03 528 BMI DUNREG  
B4E7:4C 5C B3 529 JMP LOPVSR  
B4EA: 530 DUNREG EQU \*  
B4EA: 531 ;CLI  
B4EA: 532 DUNPLAY EQU \*  
B4EA: 533 ;BNE DUNRTN  
B4EA: 534 ;LDA TIMER  
B4EA: 535 ;AND #F7  
B4EA: 536 ;BNE DUNRTN  
B4EA: 537 DUNRTN EQU \*  
B4EA:60 538 RTS  
B4EB: 539 TUN041 EQU \*  
B4EB:20 9F FF 540 JSR \$FF9F  
B4EE:EE D2 B1 541 INC TIME3  
B4F1:AD D2 B1 542 LDA TIME3  
B4F4:29 03 543 AND #3  
B4F6:4D 03 544 BNE OKTIME3  
B4F8:EE D2 B1 545 INC TIME3  
B4FB: 546 OKTIME3 EQU \*  
B4FB:AD 17 B0 547 LDA TIME5  
B4FE:29 04 548 AND #4  
B500:D0 05 549 BNE RTMS  
B502:EE 17 B0 550 INC TIME5  
B505:D0 08 551 BNE OKTIME5  
B507:AD 17 B0 552 RTMS LDA TIME5

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B507:AD 17 B0 553 RIM3 LDA TIMES  
B50A:29 F8 553 AND ##F8

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B50C:8D 17 B0 554 STA TIMES
B50F: 555 OKTIMES EQU *
B50F:EE D0 B0 556 INC TIMER
B512:AD D0 B0 557 LDA TIMER
B515:6D 17 B0 558 ADC SNDRAND
B518: 559 :STA SNDRAND
B518: 560 :DEC RATTIME
B518:6D D2 B1 561 ADC TIMES
B51B:6D D1 B0 562 ADC RATTIME
B51E: 563 :ADC TIMER
B51E:8D D1 B0 564 STA RATTIME
B521:A9 FF 565 LDA ##FF
B523:8D 18 B0 566 STA TUN0133
B526: 567 TONE3B EQU *
B526:EE 18 B0 568 INC TUN0133
B529:AD 18 B0 569 LDA TUN0133
B52C:C9 03 570 CMP #3
B52E:90 03 571 BCC OKTUN0133
B530:4C 4B B3 572 JMP T3TMGO
B533: 573 OKTUN0133 EQU *
B533:A9 00 574 LDA #0
B535:85 23 575 STA TTEMP+4
B537:F0 07 576 BEQ TONE45
B539: 577 TONE55 EQU *
B539:20 1D B6 578 JSR OFFD000
B53C:A5 23 579 LDA TTEMP+4
B53E:D0 E6 580 BNE TONE3B
B540:E6 23 581 INC TTEMP+4
B542: 582 TONE45 EQU *
B542:20 1D B6 583 JSR OFFD000
B545:AD 18 B0 584 LDA TUN0133
B548:A6 23 585 LDX TTEMP+4
B54A:F0 03 586 BEQ TONER
B54C:18 587 CLC
B54D:69 03 588 ADC #3
B54F: 589 TONER EQU *
B54F:0A 590 ASL A
B550:A8 591 TAY
B551:85 20 592 STA TTEMP+1
B553:BE D3 B1 593 LDX T3TEMP,Y
B556:B9 19 B0 594 LDA TUN03011,Y
B559:D0 11 595 BNE TONE1B
B55B:B9 1A B0 596 LDA TUN03011+1,Y
B55E:F0 20 597 BEQ TONE4B
B560:99 B8 B0 598 STA GERRYSELDON+1,Y
B563:18 599 CLC
B564:E9 00 600 SBC #0
B566:99 1A B0 601 STA TUN03011+1,Y
B569:4C 75 B5 602 JMP TONE2B
B56C: 603 TONE1B EQU *
B56C:18 604 CLC
B56D:E9 00 605 SBC #0
B56F:99 19 B0 606 STA TUN03011,Y
B572:4C 7D B5 607 JMP TONE5B
B575: 608 TONE2B EQU *
B575:BD 35 B0 609 LDA TONE301+4,X
B578:29 FE 610 AND ##FE
B57A:9D 35 B0 611 STA TONE301+4,X
B57D: 612 :STA #D404,X
B57D: 613 TONE5B EQU *
B57D:4C 39 B5 614 JMP TONE55
B580: 615 TONE4B EQU *

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B580:B9 B8 B0 616 EQU #  
LDA GERRYSELDON+1,Y

B583:F0 15 617 BEQ NOZITYET  
B585:B9 B7 B0 618 LDA GERRYSELDON,Y  
B588:F0 08 619 BEQ TONE6B  
B58A:AD 62 B0 620 LDA TUN051+7  
B58D:09 80 621 ORA #80  
B58F:8D 62 B0 622 STA TUN051+7  
B592: 623 TONE6B EQU \*  
B592:A9 00 624 LDA #0  
B594:99 B7 B0 625 STA GERRYSELDON,Y  
B597:99 B8 B0 626 STA GERRYSELDON+1,Y  
B59A: 627 NOZITYET EQU \*  
B59A:86 24 628 STX TTEMP+5  
B59C: 629 TUN015 EQU \*  
B59C:A6 20 630 LDX TTEMP+1  
B59E:A0 00 631 LDY #0  
B5A0:85 29 632 LDA TUNE32,X  
B5A2:85 35 633 STA TUN032  
B5A4:B5 2A 634 LDA TUNE32+1,X  
B5A6:85 36 635 STA TUN032+1  
B5A8:A5 01 636 LDA 1  
B5AA:29 FC 637 AND #FC  
B5AC:85 01 638 STA 1  
B5AE:B1 35 639 LDA (TUN032),Y  
B5B0:D0 60 640 BNE TONE7B  
B5B2: 641 STX TTEMP+5  
B5B2: 642 LDX TTEMP+1  
B5B2:20 1D B6 643 JSR OFFD000  
B5B5:BD 81 B0 644 LDA TUN301,X  
B5B8:1D 82 B0 645 ORA TUN301+1,X  
B5BB:F0 23 646 BEQ NOTRET  
B5BD:BD 81 B0 647 LDA TUN301,X  
B5C0:95 29 648 STA TUNE32,X  
B5C2:BD 82 B0 649 LDA TUN301+1,X  
B5C5:95 2A 650 STA TUNE32+1,X  
B5C7:A9 00 651 LDA #0  
B5C9:9D 81 B0 652 STA TUN301,X  
B5CC:9D 82 B0 653 STA TUN301+1,X  
B5CF:A6 24 654 LDX TTEMP+5  
B5D1:A0 06 655 LDY #6  
B5D3: 656 BACKLOP EQU \*  
B5D3:BD 8D B0 657 LDA MAPFB,X  
B5D6:9D 31 B0 658 STA TONE301,X  
B5D9:E8 659 INX  
B5DA:88 660 DEY  
B5DB:10 F6 661 BPL BACKLOP  
B5DD:4C 42 B5 662 JMP TONE45  
B5E0: 663 NOTRET EQU \*  
B5E0:9D 25 B0 664 STA TONE003,X  
B5E3:BD 26 B0 665 LDA TONE003+1,X  
B5E6:F0 95 666 BEQ TONE5B  
B5E8:A9 00 667 LDA #0  
B5EA:9D 26 B0 668 STA TONE003+1,X  
B5EB:E0 06 669 CPX #6  
B5EF:B0 05 670 BCS TONE8B  
B5F1:A9 FF 671 LDA #FF  
B5F3:9D BD B0 672 STA GERRYSELDON+6,X  
B5F6: 673 TONE8B EQU \*  
B5F6:A6 24 674 LDX TTEMP+5  
B5F8:BD 35 B0 675 LDA TONE301+4,X  
B5FB:29 FE 676 AND #FE  
B5FD:9D 35 B0 677 STA TONE301+4,X  
B600:48 678 PHA



B600:48 679 PHH  
B601:8A 679 TXA

B602:38	680	SEC	
B603:E9 15	681	SBC	#21
B605:AA	682	TAX	
B606:B0 03	683	BOS	TONEB1
B608:69 15	684	ADC	#21
B60A:AA	685	TAX	
B60B:68	686	TONEB1	PLA
B60C:9D 04 D4	687	STA	\$D404,X
B60F:4C 39 B5	688	JMP	TONE55
B612:	689	TONE7B	EQU *
B612:48	690	PHA	
B613:A5 01	691	LDA	1
B615:29 FC	692	AND	##FC
B617:85 01	693	STA	1
B619:68	694	PLA	
B61A:4C 00 D0	695	JMP	TONE9B
B61D:	696 ;		
B61D:	697 ;		
B61D:	698	OFFD000	EQU *
B61D:48	699	PHA	
B61E:A5 01	700	LDA	1
B620:09 02	701	DRA	#2
B622:85 01	702	STA	1
B624:68	703	PLA	
B625:60	704	RTS	
B626:	705 ;		
B626:	706 ;		
B626:	707	CHN	R3ITBLO
B626:	1 ;	SOUND	
B626:	2 ;	R3D000, CODE, N. TABLES	
B626:	3 ;	IN. MYSTERY, RAM	
B626:	4 ;	AT. D000	
B626:	5 ;		
B626:	6 ;	DEVELOP. VERSION	
B626:	7 ;		
B626:	8 ;		
B626:	9 ;	ORG \$D000	
B626:	10	TUN31	EQU *
B626:	11	DS	\$10
B636:00 00	12	DFB	0,0
B638:	13	DS	\$E
B646:00 00 00	14	DFB	0,0,0,0,0,0,0,0,0,0,0,0
B649:00 00 00			
B64C:00 00 00			
B64F:00 00 00			
B652:00 00 00	15	DFB	0,0,0,0,0,0
B655:00 00 00			
B658:F3 C8 8F	16	DFB	\$F3,\$C8,\$8F,\$E1,\$2E,\$FD,\$1E,\$86
B65B:E1 2E FD			
B65E:1E 86			
B660:8B 96 FA	17	DFB	\$8B,\$96,\$FA,\$A8,\$6,\$B3
B663:A8 06 B3			
B666:00 00 00	18	DEADT2	DFB 0,0,0,0,0,0,0,0,0,0,0,0
B669:00 00 00			
B66C:00 00 00			
B66F:00			
B670:00 0F 0D	19	DEADT	DFB 0,\$F,\$D,4,\$4,\$82,0,0
B673:04 04 82			
B676:00 00			
B678:	20 ;	DFB	0,0,0,0,0,0,0,0,0,0,0,0
B679:E6 D4 F8	21	DFB	\$E6,\$D4,\$F8,\$EE,\$1E,\$86,\$18,\$8E
B67B:EE 1E 86			
B67E:46 0F 8F			

B680:7E 9F 06	22	DFB	\$7E,\$9F,\$6,\$B3,\$AC,\$BD
B683:B3 AC BD			
B686:	23 ;		
B686:	24 ;		
B686:	25 ;		
B686:	26 ;		
B686:	27 ;		
B686:	28 ;		
B686:	29 ;		
B686:	30 MAPFBOT EQU *		
B686:80 00 00	31	DFB	\$80,0,0,\$F
B689:0F			
B68A:80 00 00	32	DFB	\$80,0,\$00,\$0F
B68D:0F			
B68E:80 20 F1	33	DFB	\$80,\$20,\$F1,\$4F
B691:4F			
B692:80 00 F1	34	DFB	\$80,\$00,\$F1,\$2F
B695:2F			
B696:F0 0F 07	35	DFB	\$F0,\$0F,\$07,\$4F
B699:4F			
B69A:F0 6F F6	36	DFB	\$F0,\$6F,\$F6,\$1F
B69D:1F			
B69E:80 FF F6	37	DFB	\$80,\$FF,\$F6,\$2F
B6A1:2F			
B6A2:80 FF F1	38	DFB	\$80,\$FF,\$F1,\$4F
B6A5:4F			
B6A6:80 70 F2	39	DFB	\$80,\$70,\$F2,\$2F
B6A9:2F			
B6AA:80 48 F1	40	DFB	\$80,\$48,\$F1,\$1F
B6AD:1F			
B6AE:80 00 00	41	DFB	\$80,0,0,\$A
B6B1:0A			
B6B2:80 40 F3	42	DFB	\$80,\$40,\$F3,\$2F
B6B5:2F			
B6B6:80 60 F3	43	DFB	\$80,\$60,\$F3,\$2F
B6B9:2F			
B6BA:80 80 F3	44	DFB	\$80,\$80,\$F3,\$2F
B6BD:2F			
B6BE:80 A0 F3	45	DFB	\$80,\$A0,\$F3,\$2F
B6C1:2F			
B6C2:80 00 F3	46	DFB	\$80,0,\$F3,\$2F
B6C5:2F			
B6C6:80 FF F1	47	DFB	\$80,\$FF,\$F1,\$3F ;\$6F??
B6C9:3F			
B6CA:80 6F F2	48	DFB	\$80,\$6F,\$F2,\$2F
B6CD:2F			
B6CE:80 FF F2	49	DFB	\$80,\$FF,\$F2,\$2F
B6D1:2F			
B6D2:80 90 F1	50	DFB	\$80,\$90,\$F1,\$2F
B6D3:2F			
B6D6:	51 ;		
B6D6:	52 ;		
B6D6:	53 ;		
B6D6:	54 VTBL EQU *		
B6D6:00 02 00	55	DFB	0,2,0,\$5,\$44,4
B6D9:05 44 04			
B6DC:00 03 00	56	DFB	0,3,0,6,\$44,4
B6DF:06 44 04			
B6E2:00 02 00	57	DFB	0,2,0,\$07,\$44,4
B6E5:07 44 04			
B6E8:00 01 00	58	DFB	0,1,0,\$A,\$44,4
B6EB:0A 44 04			

B6E8:0A 44 04  
B6EE:00 01 00 59 DFB 0,1,0,5,\$44,4

B6F1:05 44 04

B6F4:00 01 00 60 DFB 0,1,0,3,\$20,0

B6F7:03 20 00

B6FA:00 02 00 61 DFB 0,2,0,7,\$44,0

B6FD:07 44 00

B700:00 05 00 62 DFB 0,5,0,9,\$44,4

B703:09 44 04

B706:00 02 00 63 DFB 0,2,0,\$F,\$1B

B709:0F 1B

B70B: 64 ;

B70B: 65 ;

B70B: 66 ;

B70B: 67 ;

B70B: 68 ;

B70B: 69 ;

B70B: 70 TONE30 EQU \*

B70B:00 00 01 71 DFB \$0,0,\$1,1,2,1,2,9,0,\$A

B70E:01 02 01

B711:02 09 00

B714:0A

B715:03 08 03 72 DFB 3,8,3,2,3,14,3,5,2,2,1,2

B718:02 03 0E

B71B:03 05 02

B71E:02 01 02

B721:03 20 03 73 DFB 3,32,3,26,3,44,3,68

B724:1A 03 2C

B727:03 44

B729:03 14 01 74 DFB \$3,20,1,1,3,38

B72C:01 03 26

B72F: 75 ;\$24

B72F:03 20 76 DFB \$3,\$20

B731:01 01 77 DFB 1,1

B733:03 03 03 78 DFB 3,3,3,4

B736:04

B737:FF 00 79 DFB \$FF,0

B739:03 5C 03 80 DFB 3,92,3,116,3,140

B73C:74 03 8C

B73F:03 0C 81 DFB 3,12

B741:28 40 82 DFB \$28,\$40

B743:00 30 83 DFB 0,\$30

B745:03 2D 03 84 DFB 3,45,3,10,3,17

B748:0A 03 11

B74B: 85 ;

B74B: 86 ;

B74B: 87 ;

B74B: 88 ;

B74B: 89 STBCN EQU \*

B74B:00 00 90 DW 0 ;BOOGIE

B74D:70 B6 91 DW DEADT

B74F:66 B6 92 DW DEADT2

B751:00 00 93 DW 0 ;BA1

B753:00 00 94 DW 0 ;BA2

B755:00 00 95 DW 0 ;BA3

B757:00 00 96 DW 0 ;BA4

B759:00 00 97 DW 0 ;BB1

B75B:00 00 98 DW 0 ;BB2

B75D:00 00 99 DW 0 ;BB3

B75F:00 00 100 DW 0 ;BB4

B761:00 00 101 DW 0 ;BC1

B763:00 00 102 DW 0 ;BC2

B765:00 00 103 DW 0 ;BC3

B767:00 00 104 DW 0 ;BC4

B767:00 00	103	DW	0	\$BL4
B769:00 00	103	DW	0	\$MA1
B76B:00 00	106	DW	0	\$MA2
B76D:00 00	107	DW	0	\$MA3
B76F:00 00	108	DW	0	\$MA4
B771:00 00	109	DW	0	\$MB1
B773:00 00	110	DW	0	\$MB2
B775:00 00	111	DW	0	\$MB3
B777:00 00	112	DW	0	\$MB4
B779:00 00	113	DW	0	\$MC1
B77B:00 00	114	DW	0	\$MC2
B77D:00 00	115	DW	0	\$MC3
B77F:00 00	116	DW	0	\$MC4
B781:00 00	117	DW	0	\$HA1
B783:00 00	118	DW	0	\$HA2
B785:00 00	119	DW	0	\$HA3
B787:00 00	120	DW	0	\$HA4
B789:00 00	121	DW	0	\$HB1
B78B:00 00	122	DW	0	\$HB2
B78D:00 00	123	DW	0	\$HB3
B78F:00 00	124	DW	0	\$HB4
B791:00 00	125	DW	0	\$HC1
B793:00 00	126	DW	0	\$HC2
B795:00 00	127	DW	0	\$HC3
B797:00 00	128	DW	0	\$HC4
B799:01 00	129	DW	1	
B79B:02 00	130	DW	2	
B79D:03 00	131	DW	3	
B79F:04 00	132	DW	4	
B7A1:05 00	133	DW	5	
B7A3:06 00	134	DW	6	
B7A5:07 00	135	DW	7	
B7A7:08 00	136	DW	8	
B7A9:09 00	137	DW	9	
B7AB:0A 00	138	DW	10	
B7AD:0B 00	139	DW	11	
B7AF:00 00	140	DW	0	\$TMP12
B7B1:00 00	141	DW	0	\$TMP13
B7B3:00 00	142	DW	0	\$TMP14
B7B5:00 00	143	DW	0	\$TMP15
B7B7:00 00	144	DW	0	\$TMP16
B7B9:00 00	145	DW	0	\$TMP17
B7BB:B4 B9	146	DW	CN1	\$S6
B7BD:BA B9	147	DW	CN2	
B7BF:C0 B9	148	DW	CN3	
B7C1:C6 B9	149	DW	CN4	
B7C3:98 DA	150	DW	PUKER1	
B7C5:9D DA	151	DW	PUKER2	
B7C7:A2 DA	152	DW	PUKER3	
B7C9:A7 DA	153	DW	PUKER4	
B7CB:AC DA	154	DW	PUKER5	
B7CD:81 DA	155	DW	PUKER6	
B7CF:B6 DA	156	DW	PUKER7	
B7D1:8B DA	157	DW	PUKER8	
B7D3:C0 DA	158	DW	PUKER9	
B7D5:C4 DA	159	DW	PUKER10	
B7D7:C8 DA	160	DW	PUKER11	
B7D9:CC DA	161	DW	PUKER12	
B7DB:D4 DA	162	DW	PUKER13	
B7DD:DC DA	163	DW	PUKER14	
B7DF:E4 DA	164	DW	PUKER15	
B7E1:EC DA	165	DW	PUKER16	
B7E3:	166	STBN2	EQU	*
B7E3:0B 00	167	DW	11	\$PMA11

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B7E3:08 00 168 DW 12 :PMA11  
B7E5:0C 00 168 DW 12 :PMA12

B7E7:0D 00 169 DW 13 :PMA13  
B7E9:0E 00 170 DW 14 :PMA4  
B7EB:0F 00 171 DW 15 :PMA15  
B7ED:10 00 172 DW 16 :PMA16  
B7EF:11 00 173 DW 17 :PMA17  
B7F1:12 00 174 DW 18 :PMA8  
B7F3:15 00 175 DW 21 :PMA21  
B7F5:16 00 176 DW 22 :PMA22  
B7F7:17 00 177 DW 23 :PMA23  
B7F9:18 00 178 DW 24 :PMA24  
B7FB:19 00 179 DW 25 :PMA25  
B7FD:1A 00 180 DW 26 :PMA26  
B7FF:1B 00 181 DW 27 :PMA27  
B801:1C 00 182 DW 28 :PMA28  
B803:1F 00 183 DW 31 :PMA31  
B805:20 00 184 DW 32 :PMA32  
B807:21 00 185 DW 33 :PMA33  
B809:22 00 186 DW 34 :PMA34  
B80B:23 00 187 DW 35 :PMA35  
B80D:24 00 188 DW 36 :PMA36  
B80F:25 00 189 DW 37 :PMA37  
B811:26 00 190 DW 38 :PMA38  
B813:29 00 191 DW 41 :PMA41  
B815:2A 00 192 DW 42 :PMA42  
B817:2B 00 193 DW 43 :PMA43  
B819:2C 00 194 DW 44 :PMA44  
B81B:2D 00 195 DW 45 :PMA45  
B81D:2E 00 196 DW 46 :PMA46  
B81F:2F 00 197 DW 47 :PMA47  
B821:30 00 198 DW 48 :PMA48  
B823:33 00 199 DW 51 :PMA51  
B825:34 00 200 DW 52 :PMA52  
B827:35 00 201 DW 53 :PMA53  
B829:36 00 202 DW 54 :PMA54  
B82B:37 00 203 DW 55 :PMA55  
B82D:38 00 204 DW 56 :PMA56  
B82F:39 00 205 DW 57 :PMA57  
B831:3A 00 206 DW 58 :PMA58  
B833:3D 00 207 DW 61 :PMA61  
B835:3E 00 208 DW 62 :PMA62  
B837:3F 00 209 DW 63 :PMA63  
B839:40 00 210 DW 64 :PMA64  
B83B:41 00 211 DW 65 :PMA65  
B83D:42 00 212 DW 66 :PMA66  
B83F:43 00 213 DW 67 :PMA67  
B841:44 00 214 DW 68 :PMA68  
B843:0B 00 215 DW 11 :PMA71  
B845:0C 00 216 DW 12 :PMA72  
B847:0D 00 217 DW 13 :PMA73  
B849:0E 00 218 DW 14 :PMA74  
B84B:0F 00 219 DW 15 :PMA75  
B84D:10 00 220 DW 16 :PMA76  
B84F:11 00 221 DW 17 :PMA77  
B851:12 00 222 DW 18 :PMA78  
B853:15 00 223 DW 21 :PMA81  
B855:16 00 224 DW 22 :PMA82  
B857:17 00 225 DW 23 :PMA83  
B859:18 00 226 DW 24 :PMA84  
B85B:19 00 227 DW 25 :PMA85  
B85D:1A 00 228 DW 26 :PMA86  
B85F:1B 00 229 DW 27 :PMA87  
B861:1C 00 230 DW 28 :PMA88

B861:1C 00	230	DW	31	:PMA88
B863:1F 00	231	DW	31	:PMA91

B865:20 00	232	DW	32	:PMA92
B867:21 00	233	DW	33	:PMA93
B869:22 00	234	DW	34	:PMA94
B86B:23 00	235	DW	35	:PMA95
B86D:24 00	236	DW	36	:PMA96
B86F:25 00	237	DW	37	:PMA97
B871:26 00	238	DW	38	:PMA98
B873:29 00	239	DW	41	:PMA101
B875:2A 00	240	DW	42	:PMA102
B877:2B 00	241	DW	43	:PMA103
B879:2C 00	242	DW	44	:PMA104
B87B:2D 00	243	DW	45	:PMA105
B87D:2E 00	244	DW	46	:PMA106
B87F:2F 00	245	DW	47	:PMA107
B881:30 00	246	DW	48	:PMA108
B883:33 00	247	DW	51	:PMA111
B885:34 00	248	DW	52	:PMA112
B887:35 00	249	DW	53	:PMA113
B889:36 00	250	DW	54	:PMA114
B88B:33 00	251	DW	51	:PMA115
B88D:34 00	252	DW	52	:PMA116
B88F:35 00	253	DW	53	:PMA117
B891:36 00	254	DW	54	:PMA118
B893:00 00	255	DW	0	:PMA121
B895:00 00	256	DW	0	:PMA122
B897:00 00	257	DW	0	:PMA123
B899:00 00	258	DW	0	:PMA124
B89B:00 00	259	DW	0	:PMA125
B89D:00 00	260	DW	0	:PMA126
B89F:00 00	261	DW	0	:PMA127
B8A1:00 00	262	DW	0	:PMA128
B8A3:FC BA	263	DW	OFL21	:96
B8A5:DD B9	264	DW	OFL22	
B8A7:FB B9	265	DW	OFL23	
B8A9:19 BA	266	DW	OFL24	
B8AB:37 BA	267	DW	OFL25	
B8AD:55 BA	268	DW	OFL26	
B8AF:73 BA	269	DW	OFL27	
B8B1:9C BA	270	DW	OFL28	
B8B3:CC BA	271	DW	OFL29	
B8B5:CC BA	272	DW	OFL29	
B8B7:9C BA	273	DW	OFL28	
B8B9:FC BA	274	DW	OFL21	
B8BB:DD B9	275	DW	OFL22	
B8BD:75 BA	276	DW	OFL27	
B8BF:55 BA	277	DW	OFL26	
B8C1:37 BA	278	DW	OFL25	
00C3:	279	ORGSTN3	EQU	>*
B8C3:	280	DS 256-ORGSTN3		
B8C3:	281	STBN3	EQU	*
B8C3:0B 00	282	DW	11	:PHA11
B8C5:0C 00	283	DW	12	:PHA12
B8C7:0D 00	284	DW	13	:PHA13
B8C9:0E 00	285	DW	14	:PHA4
B8CB:0F 00	286	DW	15	:PHA15
B8CD:10 00	287	DW	16	:PHA16
B8CF:11 00	288	DW	17	:PHA17
B8D1:12 00	289	DW	18	:PHA8
B8D3:15 00	290	DW	21	:PHA21
B8D5:16 00	291	DW	22	:PHA22
B8D7:17 00	292	DW	23	:PHA23
B8D9:18 00	293	DW	24	:PHA24

262  
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B8D7:18 00	293	DW	24	:PHA24
B8D8:19 00	294	DW	25	:PHA25
B8DD:1A 00	295	DW	26	:PHA26
B8DF:1B 00	296	DW	27	:PHA27
B8E1:1C 00	297	DW	28	:PHA28
B8E3:1F 00	298	DW	31	:PHA31
B8E5:20 00	299	DW	32	:PHA32
B8E7:21 00	300	DW	33	:PHA33
B8E9:22 00	301	DW	34	:PHA34
B8EB:23 00	302	DW	35	:PHA35
B8ED:24 00	303	DW	36	:PHA36
B8EF:25 00	304	DW	37	:PHA37
B8F1:26 00	305	DW	38	:PHA38
B8F3:29 00	306	DW	41	:PHA41
B8F5:2A 00	307	DW	42	:PHA42
B8F7:2B 00	308	DW	43	:PHA43
B8F9:2C 00	309	DW	44	:PHA44
B8FB:2D 00	310	DW	45	:PHA45
B8FD:2E 00	311	DW	46	:PHA46
B8FF:2F 00	312	DW	47	:PHA47
B901:30 00	313	DW	48	:PHA48
B903:33 00	314	DW	51	:PHA51
B905:34 00	315	DW	52	:PHA52
B907:35 00	316	DW	53	:PHA53
B909:36 00	317	DW	54	:PHA54
B90B:37 00	318	DW	55	:PHA55
B90D:38 00	319	DW	56	:PHA56
B90F:39 00	320	DW	57	:PHA57
B911:3A 00	321	DW	58	:PHA58
B913:3D 00	322	DW	61	:PHA61
B915:3E 00	323	DW	62	:PHA62
B917:3F 00	324	DW	63	:PHA63
B919:40 00	325	DW	64	:PHA64
B91B:41 00	326	DW	65	:PHA65
B91D:42 00	327	DW	66	:PHA66
B91F:43 00	328	DW	67	:PHA67
B921:44 00	329	DW	68	:PHA68
B923:0B 00	330	DW	11	:PHA71
B925:0C 00	331	DW	12	:PHA72
B927:0D 00	332	DW	13	:PHA73
B929:0E 00	333	DW	14	:PHA74
B92B:0F 00	334	DW	15	:PHA75
B92D:10 00	335	DW	16	:PHA76
B92F:11 00	336	DW	17	:PHA77
B931:12 00	337	DW	18	:PHA78
B933:15 00	338	DW	21	:PMB11
B935:16 00	339	DW	22	:PMB12
B937:17 00	340	DW	23	:PMB13
B939:18 00	341	DW	24	:PHA4
B93B:19 00	342	DW	25	:PMB15
B93D:1A 00	343	DW	26	:PMB16
B93F:1B 00	344	DW	27	:PMB17
B941:1C 00	345	DW	28	:PHA8
B943:1F 00	346	DW	31	
B945:20 00	347	DW	32	
B947:21 00	348	DW	33	
B949:22 00	349	DW	34	
B94B:23 00	350	DW	35	
B94D:24 00	351	DW	36	
B94F:25 00	352	DW	37	
B951:26 00	353	DW	38	
B953:29 00	354	DW	41	
B955:2A 00	355	DW	42	
B957:2B 00	356	DW	43	

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B957:28 00 357 DW 43  
B959:2C 00 357 DW 44

B95B:2D 00 358 DW 45

B95D:2E 00 359 DW 46

B95F:2F 00 360 DW 47

B961:30 00 361 DW 48

B963:33 00 362 DW 51

B965:34 00 363 DW 52

B967:35 00 364 DW 53

B969:36 00 365 DW 54

B96B:33 00 366 DW 51

B96D:34 00 367 DW 52

B96F:35 00 368 DW 53

B971:36 00 369 DW 54

B973:00 00 370 DW 0

:PMB51

B975:00 00 371 DW 0

:PMB52

B977:00 00 372 DW 0

:PMB53

B979:00 00 373 DW 0

:PMB54

B97B:00 00 374 DW 0

:PMB55

B97D:00 00 375 DW 0

:PMB56

B97F:00 00 376 DW 0

:PMB57

B981:00 00 377 DW 0

:PMB58

B983:91 D8 378 DW K2

:96

B985:95 D8 379 DW K3

B987:99 D8 380 DW K4

B989:95 D8 381 DW K3

B98B:99 D8 382 DW K4

B98D:99 D8 383 DW K4

B98F:95 D8 384 DW K3

B991:99 D8 385 DW K4

:62

B993:FC DA 386 DW ONLS1

B995:04 DB 387 DW ONLS2

B997:14 DB 388 DW ONLS3

B999:32 DB 389 DW ONLS4

B99B:54 DB 390 DW ONLS5

B99D:54 DB 391 DW ONLS6

B99F:80 DB 392 DW ONLS7

B9A1:FC DA 393 DW ONLS8

B9A3: 394 ;

B9A3: 395 ;

B9A3: 396 ;

B9A3: 397 ;

B9A3: 398 CHN R3ITBLSPK

B9A3: 1 SP1 EQU \*

B9A3:69 20 B8 2 DFB \$69,\$20,\$B8,3

B9A6:03

B9A7:20 53 OF 3 DFB \$20,\$3,15

B9AA:00 4 DFB 0

B9AB:69 20 B8 5 SP2 DFB \$69,\$20,\$B8,3

B9AE:03

B9AF:20 60 OF 6 DFB \$20,\$6,15

B9B2:26 7 DFB \$26

B9B3:00 8 DFB 0

B9B4:69 9 CN1 DFB \$69

B9B5:0D 2C B7 10 DFB \$D,\$2C,\$B7,4,\$21

B9B8:04 21 11 CN2 DFB \$69

B9BB:0D 30 B7 12 DFB \$D,\$30,\$B7,4,\$21

B9BE:04 21 13 CN3 DFB \$69

B9C0:69 14 DFB \$D,\$34,\$B7,4,\$21

B9C1:0D 34 B7 15 CN4 DFB \$69

B9C4:04 21 DFB \$D,\$38,\$B7,4,\$21

B9C6:69 16 DFB \$D,\$38,\$B7,4,\$21

B9C7:0D 38 B7 16 DFB \$D,\$38,\$B7,4,\$21



B9CC:	17	OFL12	EQU	*
B9CC:6E 0D 30	18		DFB	\$6E,\$D,\$30,\$1D,\$80,\$FF,\$F0,0
B9CF:1D 80 FF				
B9D2:F0 00				
B9D4:B4 00	19		DFB	\$B4,0
B9D6:18 00 02	20	OFL12A	DFB	\$18,0,2,10
B9D9:0A				
B9DA:D6 B9	21		DW	OFL12A
B9DC:21	22		DFB	\$21
B9DD:	23	OFL22	EQU	*
B9DD:73 06 F0	24		DFB	\$73,6,\$F0,0
B9E0:00				
B9E1:B4 00	25		DFB	\$B4,0
B9E3:08 00 02	26	OFL22A	DFB	\$8,0,2,10
B9E6:0A				
B9E7:E3 B9	27		DW	OFL22A
B9E9:21	28		DFB	\$21
B9EA:	29	OFL13	EQU	*
B9EA:6E 0D 30	30		DFB	\$6E,\$D,\$30,\$1D,\$A0,0,\$10,1
B9ED:1D A0 00				
B9F0:10 01				
B9F2:A2 00	31		DFB	\$A2,0
B9F4:19 00 02	32	OFL13A	DFB	\$19,0,2,\$A
B9F7:0A				
B9F8:F4 B9	33		DW	OFL13A
B9FA:21	34		DFB	\$21
B9FB:	35	OFL23	EQU	*
B9FB:73 06 10	36		DFB	\$73,6,\$10,1
B9FE:01				
B9FF:A2 00	37		DFB	\$A2,0
BA01:09 00 02	38	OFL23A	DFB	9,0,2,\$A
BA04:0A				
BA05:01 BA	39		DW	OFL23A
BA07:21	40		DFB	\$21
BA08:6E 0D 38	41	OFL14	DFB	\$6E,\$D,\$38,\$1D,\$A0,0,\$10,2
BA0B:1D A0 00				
BA0E:10 02				
BA10:A1 00	42		DFB	\$A1,0
BA12:19 00 02	43	OFL14A	DFB	\$19,0,2,\$11
BA15:11				
BA16:12 BA	44		DW	OFL14A
BA18:21	45		DFB	\$21
BA19:73 06 10	46	OFL24	DFB	\$73,6,\$10,2,\$A1,0
BA1C:02 A1 00				
BA1F:19 00 02	47	OFL24A	DFB	\$19,0,2,\$11
BA22:11				
BA23:1F BA	48		DW	OFL24A
BA25:21	49		DFB	\$21
BA26:6E 0D 2C	50	OFL15	DFB	\$6E,\$D,\$2C,\$1D,\$FC,\$FF,\$E0,0
BA29:1D FC FF				
BA2C:E0 00				
BA2E:A1 00	51		DFB	\$A1,0
BA30:19 00 02	52	OFL15A	DFB	\$19,0,2,\$C
BA33:0C				
BA34:30 BA	53		DW	OFL15A
BA36:21	54		DFB	\$21
BA37:73 06 E0	55	OFL25	DFB	\$73,6,\$E0,0,\$A1,0
BA3A:00 A1 00				
BA3D:09 00 02	56	OFL25A	DFB	9,0,2,\$C
BA40:0C				
BA41:3D BA	57		DW	OFL25A
BA43:21	58		DFB	\$21
BA44:45 0D 00	59	OFL14	DFB	\$45,\$D,\$2C,\$1D,\$10,0,\$20,0

BA43:21 58 DFB \$21  
BA44:6E 0D 2C 59 OFL16 DFB \$6E,\$D,\$2C,\$1D,\$10,0,\$30,0

BA47:1D 10 00

BA4A:30 00

BA4C:F3 00 60 DFB \$F3,0

BA4E:18 00 02 61 OFL16A DFB \$18,0,2,8

BA51:08

BA52:4E BA 62 DW OFL16A

BA53:21 63 DFB \$21

BA55:73 06 30 64 OFL26 DFB \$73,6,\$30,0,\$F3,0

BA58:00 F3 00

BA5B:08 00 02 65 OFL26A DFB \$8,0,2,8

BA5E:08

BA5F:5B BA 66 DW OFL26A

BA61:21 67 DFB \$21

BA62:6E 0D 2C 68 OFL17 DFB \$6E,\$D,\$2C,\$1D,\$30,2,\$30,2,\$A0,1

BA65:1D 30 02

BA68:30 02 A0

BA6B:01

BA6C:AC 00 69 DFB \$AC,0

BA6E:18 00 02 70 OFL17A DFB \$18,0,2,\$B

BA71:0B

BA72:6E BA 71 DW OFL17A

BA74:21 72 DFB \$21

BA75:73 06 A0 73 OFL27 DFB \$73,6,\$A0,1,\$AC,0

BA78:01 AC 00

BA7B:08 00 02 74 OFL27A DFB 8,0,2,\$B

BA7E:08

BA7F:7B BA 75 DW OFL27A

BA81:21 76 DFB \$21

BA82:6E 0D 24 77 OFL18 DFB \$6E,\$D,\$24,\$1D,0,2,0,1

BA85:1D 00 02

BA88:00 01

BA8A:DC 00 78 DFB \$DC,0

BA8C:19 00 02 79 OFL18A DFB \$19,0,2,\$A

BA8F:0A

BA90:8C BA 80 DW OFL18A

BA92:06 00 02 81 DFB 6,0,2

BA95:08 00 02 82 OFL18B DFB 8,0,2,8

BA98:08

BA99:95 BA 83 DW OFL18B

BA9B:21 84 DFB \$21

BA9C:73 06 00 85 OFL28 DFB \$73,6,0,1,\$DC,0

BA9F:01 DC 00

BAA2:09 00 02 86 OFL28A DFB \$9,0,2,\$A

BAA5:0A

BAA6:A2 BA 87 DW OFL28A

BAA8:06 00 02 88 DFB 6,0,2

BAAB:08 00 02 89 OFL28B DFB 8,0,2,8

BAAE:08

BAAF:AB BA 90 DW OFL28B

BAB1:21 91 DFB \$21

BAB2:6E 0D 24 92 OFL19 DFB \$6E,\$D,\$24,\$1D,\$10,2,\$50,0

BAB5:1D 10 02

BAB8:50 00

BABA:FB 00 93 DFB \$FB,0

BABC:18 00 02 94 OFL19A DFB \$18,0,2,\$A

BABF:0A

BAC0:BC BA 95 DW OFL19A

BAC2:06 00 01 96 DFB 6,0,1

BAC5:19 00 02 97 OFL19B DFB \$19,0,2,\$A

BAC8:0A

BAC9:C5 BA 98 DW OFL19B

BACB:21 99 DFB \$21

BACB:21 9 DFB \$21  
BACC:73 06 50 100 OFL29 DFB \$73,6,\$50,0,\$FB,0

BACF:00 FB 00

BAD2:08 00 02 101 OFL29A DFB \$8,0,2,\$A

BAD5:0A

BAD6:D2 BA 102 DW OFL29A

BAD8:06 00 01 103 DFB 6,0,1

BADB:09 00 02 104 OFL29B DFB 9,0,2,8

BAD E:08

BADF:DE BA 105 DW OFL29B

BAE1:21 106 DFB \$21

BAE2:6E OD 3C 107 OFL11 DFB \$6E,\$D,\$3C

BAE5:06 30 00 108 DFB 6,\$30,0,\$D4,0

BAE8:D4 00

BAEA:18 00 02 109 OFL11A DFB \$18,0,2,8

BAED:08

BAEE:EA BA 110 DW OFL11A

BAF0:0D 2C 06 111 DFB \$D,\$2C,6,\$30,0

BAF3:30 00

BAF5:19 00 02 112 OFL11B DFB \$19,0,2,\$C

BAF8:0C

BAF9:F5 BA 113 DW OFL11B

BAFB:21 114 DFB \$21

BAFC:73 06 30 115 OFL21 DFB \$73,6,\$30,0,\$D4,0

BAFF:00 D4 00

BB02:18 00 02 116 OFL21A DFB \$18,0,2,8

BB05:08

BB06:02 BB 117 DW OFL21A

BB08:06 30 00 118 DFB 6,\$30,0

BB0B:19 00 02 119 OFL21B DFB \$19,0,2,\$C

BB0E:0C

BB0F:0B BB 120 DW OFL21B

BB11:21 121 DFB \$21

BB12:	123 :		
BB12:	124	TUNE.TABLES	
BB12:A5 0E 30	125	FLALS31 DFB	\$A5,\$E,\$30,\$D,\$44
BB15:0D 44			
BB17:11 A0 FF	126	DFB	\$11,\$A0,\$FF,\$74,\$0
BB1A:94 00			
BB1C:12 04 20	127	FLL1 DFB	\$12,6,\$20,0,8,0,2,8
BB1F:00 08 00			
BB22:02 08			
BB24:1C BE	128	DW	FLL1
BB26:08 38 0D	129	DFB	8,\$38,\$D,\$48,\$11,\$F0,\$FF,\$C,\$AA
BB29:48 11 F0			
BB2C:FF 0C AA			
BB2F:C5 00 12	130	FLL2 DFB	\$C5,0,\$12,2,\$60
BB32:02 60			
BB34:2F BE	131	DW	FLL2
BB36:C7 00 02	132	FLL3 DFB	\$C7,0,2,\$40
BB39:40			
BB3A:36 BE	133	DW	FLL3
BB3C:11 08 00	134	DFB	\$11,8,0
BB3F:C4 00 12	135	FLL4 DFB	\$C4,0,\$12,2,\$60
BB42:02 60			
BB44:3F BE	136	DW	FLL4
BB46:26	137	DFB	\$26
BB47:00	138	DFB	0
BB48:AF FE 0C	139	FLALS21 DFB	\$AF,\$FE,\$C,1
BB4B:01			
BB4C:49 BE	140	DW	FLALS21+1
BB4E:AF 10 02	141	FLALS22 DFB	\$AF,\$10,2,\$9E,\$C,1
BB51:9E 0C 01			
BB54:51 BE	142	DW	FLALS22+3
BB56:B4 0D 4C	143	RESTART DFB	\$B4,\$D,\$4C
BB59:C0 36 02	144	DFB	\$C0,\$36,2,1
BB5C:01			
BB5D:59 BE	145	DW	RESTART+3
BB5F:0D 04 00	146	DFB	\$D,4,0
BB62:B9 C0 00	147	FLALS11 DFB	\$B9,\$C0,0
BB65:06 18 00	148	FLALS11L DFB	6,\$18,0,9,0,2,\$30
BB68:09 00 02			
BB6B:30			
BB6C:65 BE	149	DW	FLALS11L
BB6E:A0 00 06	150	DFB	\$A0,0,6,\$50,0
BB71:50 00			
BB73:09 00 02	151	FLALS12L DFB	9,0,2,\$70
BB76:70			
BB77:73 BE	152	DW	FLALS12L
BB79:06 13 00	153	FLALS13L DFB	6,\$13,0,8,0,2,\$40
BB7C:08 00 02			
BB7F:40			
BB80:79 BE	154	DW	FLALS13L
BB82:06 24 00	155	DFB	6,\$24,0
BB85:09 00 02	156	FLALS14L DFB	9,0,2,\$60
BB88:60			
BB89:85 BE	157	DW	FLALS14L
BB8B:06 30 00	158	DFB	6,\$30,0
BB8E:08 00 02	159	FLALS15L DFB	8,0,2,\$20
BB91:20			
BB92:8E BE	160	DW	FLALS15L
BB94:06 10 00	161	DFB	6,\$10,0
BB97:09 00 02	162	FLALS16L DFB	9,0,2,\$50
BB9A:50			
BB9B:97 BE	163	DW	FLALS16L



BB9B:97 BB	164	DW	FLALST1&L
BB9D:01	164	DFB	1

BB9E:63 BB	165	DW	FLALS11+1
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BBA0:	166	;END	
BBA0:	167	;	
BBA0:	168	CHN	R3ID000

BBA0:	1	;SOUND	
BBA0:	2	;	

----- NEXT OBJECT FILE NAME IS R3YCODE.OBJ1

D000:	3	ORG	\$D000
D000:	4	;	
D000:	5	;	
D000:	6	;	
D000:	7	;	
D000:	8	;	

D000:	9	TONE9B	EQU	*
D000:F6 29	10	INC	TUNE32,X	
D002:D0 02	11	BNE	NOTI1	
D004:F6 2A	12	INC	TUNE32+1,X	
D006:	13	NOTI1	EQU	*
D006:9D 26 B0	14	STA	TONE003+1,X	
D009:A6 24	15	LDX	TTEMP+5	
D00B:C9 10	16	CMP	##10	
D00D:F0 34	17	BEQ	TONOTT30	
D00F:C9 50	18	CMP	##50	
D011:B0 30	19	BCS	TONOTT30	
D013:8D 4E B1	20	STA	T3TM4	

D016:C9 30	21	CMP	##30
D018:90 0A	22	BCC	TUNEBC
D01A:C9 40	23	CMP	##40
D01C:90 04	24	BCC	TUNEBA
D01E:A9 31	25	LDA	##31
D020:D0 02	26	BNE	TUNEBC

D022:A9 30	27	TUNEBA	LDA	##30
D024:	28	TUNEBC	EQU	*
D024:0A	29	ASL	A	

D025:AA	30	TAX	
D026:BD 00 D7	31	LDA	T30T1,X
D029:8D 41 D0	32	STA	TUNEDB
D02C:BD 01 D7	33	LDA	T30T1+1,X
D02F:8D 42 D0	34	STA	TUNEDB+1

D032:A6 20	35	LDX	TTEMP+1
D034:B5 29	36	LDA	TUNE32,X
D036:85 35	37	STA	TUN032
D038:B5 2A	38	LDA	TUNE32+1,X
D03A:85 36	39	STA	TUN032+1
D03C:A6 24	40	LDX	TTEMP+5
D03E:4C 82 D0	41	JMP	OUTLOKT

D041:00 00	42	TUNEDB	DW	0
D043:4C 46 D0	43	TONOTT30	JMP	NOTT30
D046:	44	NOTT30	EQU	*

D046:85 22	45	STA	TTEMP+3
D048:A8	46	TAY	
D049:B9 26 B6	47	LDA	TUN31,Y
D04C:85 1F	48	STA	TTEMP
D04E:B9 27 B6	49	LDA	TUN31+1,Y
D051:85 21	50	STA	TTEMP+2

D053:98	51	TYA	
D054:C9 90	52	CMP	##90
D056:B0 03	53	BCS	OKNOTZ
D058:4C 85 D0	54	JMP	OUTTUNEB7

D05B:	55	OKNOTZ	EQU	*
D05B:4A	56	LSR	A	
D05C:4A	57	LSR	A	

D05C:4A 57 LSR A  
D05D:4A 58 LSR A

D05E:4A 59 LSR A  
D05F:08 60 PHP  
D060:0A 61 ASL A  
D061:28 62 PLP  
D062:90 02 63 BCC OKT4TEMP  
D064:09 20 64 ORA #\$20  
D066: 65 OKT4TEMP EQU \*  
D066:A8 66 TAY  
D067:B9 46 B6 67 LDA TUN31+32,Y  
D06A:85 1F 68 STA TTEMP  
D06C:B9 47 B6 69 LDA TUN31+33,Y  
D06F:85 21 70 STA TTEMP+2  
D071:A5 22 71 LDA TTEMP+3  
D073:29 07 72 AND #7  
D075:A8 73 TAY  
D076: 74 TUNE70KT EQU \*  
D076:C8 75 INY  
D077:C0 08 76 CPY #8  
D079:F0 0A 77 BEQ OUTTUNE7  
D07B:46 21 78 LSR TTEMP+2  
D07D:66 1F 79 ROR TTEMP  
D07F:4C 76 D0 80 JMP TUNE70KT  
D082:4C 44 D3 81 OUTLOKT JMP OUTTUNE  
D085: 82 ;  
D085: 83 OUTTUNE7 EQU \*  
D085:A5 1F 84 LDA TTEMP  
D087: 85 ;STA \$D400,X  
D087:9D 31 B0 86 STA TONE301,X  
D08A:A5 21 87 LDA TTEMP+2  
D08C: 88 ;STA \$D401,X  
D08C:9D 32 B0 89 STA TONE301+1,X  
D08F: 90 TONEB3 EQU \*  
D08F:A0 00 91 LDY #0  
D091:86 24 92 STX TTEMP+5  
D093:A6 20 93 LDX TTEMP+1  
D095:B5 29 94 LDA TUNE32,X  
D097:85 35 95 STA TUN032  
D099:B5 2A 96 LDA TUNE32+1,X  
D09B:85 36 97 STA TUN032+1  
D09D:B1 35 98 LDA (TUN032),Y  
D09F:F6 29 99 INC TUNE32,X  
D0A1:D0 02 100 BNE NO12  
D0A3:F6 2A 101 INC TUNE32+1,X  
D0A5: 102 NO12 EQU \*  
D0A5:A8 103 TAY  
D0A6: 104 ;STX TTEMP+5  
D0A6: 105 ;LDX TTEMP+1  
D0A6:B9 0B B7 106 LDA TONE30,Y  
D0A9:9D 19 B0 107 STA TUN03011,X  
D0AC:B9 0C B7 108 LDA TONE30+i,Y  
D0AF:9D 1A B0 109 STA TUN03011+1,X  
D0B2:A6 24 110 LDX TTEMP+5  
D0B4:BD 35 B0 111 LDA TONE301+4,X  
D0B7:09 01 112 ORA #1  
D0B9:9D 35 B0 113 STA TONE301+4,X  
D0BC: 114 ;STA \$D404,X  
D0BC:4C 39 B5 115 JMP TONE55  
D0BF: 116 ;  
D0BF: 117 T30T3 EQU \*  
D0BF:B1 35 118 LDA (TUN032),Y  
D0C1:E0 15 119 CPX #21  
D0C3:90 0B 120 BCC OKSTUNE

DOC3:90 0B 121 BCL ORSTONE  
DOC5:B0 02 121 BCS INT30T5

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DOC7:      122 T30T5 EQU *
DOC7:B1 35 123 LDA (TUN032),Y
DOC9:      124 INT30T5 EQU *
DOC9:AA    125 TAX
DOCA:20 66 B2 126 JSR TUN042
DOCD:4C EB B4 127 JMP TUN041
DODO:      128 OKSTONE EQU *
DODO:AA    129 TAX
DOD1:20 53 B2 130 JSR TUN043
DOD4:4C EB B4 131 JMP TUN041
DOD7:      132 T30T EQU *
DOD7:A6 20 133 LDX TTEMP+1
DOD9:B1 35 134 LDA (TUN032),Y
DODB:95 29 135 STA TUNE32,X
DODD:C8     136 JNY
DODE:B1 35 137 LDA (TUN032),Y
DOEO:95 2A 138 STA TUNE32+1,X
DOE2:4C 42 B5 139 JMP TONE45
DOE5:      140 ;
DOE5:A0 00 141 SETTREGS LDY #0
DOE7:A6 20 142 LDX TTEMP+1
DOE9:B5 29 143 LDA TUNE32,X
DOEB:85 35 144 STA TUN032
DOED:B5 2A 145 LDA TUNE32+1,X
DOEF:85 36 146 STA TUN032+1
DOFI:A6 24 147 LDX TTEMP+3
DOF3:B1 35 148 LDA (TUN032),Y
DOF5:20 0F B3 149 JSR DOTUNE6
B36F:      150 TUNXBN EQU TUNE51XT
DOF8:4C 42 B5 151 JMP TONE45
DOFB:      152 T30T2 EQU *
DOFB:A6 20 153 LDX TTEMP+1
DOFD:BD 69 B0 154 LDA TUN0301,X
D100:F0 38 155 BEQ TUNE67ST
D102:BD 6A B0 156 LDA TUN0301+1,X
D105:F0 06 157 BEQ TUNE67END
D107:DE 6A B0 158 DEC TUN0301+1,X
D10A:4C 45 D1 159 JMP TUNE67GOON
D10D:      160 TUNE67END EQU *
D10D:9D 69 B0 161 STA TUN0301,X
D110:4C 54 D1 162 JMP TUNE67CNT
D113:      163 T30T4 EQU *
D113:A0 07 164 LDY #7
D115:      165 TONEB4 EQU *
D115:BD 31 B0 166 LDA TONE301,X
D118:9D 8D B0 167 STA MAPFB,X
D11B:E8     168 INX
D11C:88     169 DEY
D11D:D0 F6 170 BNE TONEB4
D11F:20 23 D3 171 JSR TONE82B
D122:9D 81 B0 172 STA TUN301,X
D125:B5 2A 173 LDA TUNE32+1,X
D127:9D 82 B0 174 STA TUN301+1,X
D12A:FE 81 B0 175 INC TUN301,X
D12D:D0 03 176 BNE NO14
D12F:FE 82 B0 177 INC TUN301+1,X
D132:      178 NO14 EQU *
D132:A3 27 179 LDA TTEMP+8
D134:95 29 180 STA TUNE32,X
D136:A5 28 181 LDA TTEMP+9
D138:95 2A 182 STA TUNE32+1,X
D13A:4C E5 D0 183 JMP SETTREGS

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12  
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D13A:4C E3 D0 183 ; JMP SETTREGS  
D13D: 184 ;

D13D: 185 ;  
D13D: 186 TUNEB7ST EQU \*  
D13D:FE 69 B0 187 INC TUN0301,X  
D140:B1 35 188 LDA (TUN032),Y  
D142:9D 6A B0 189 STA TUN0301+1,X  
D145: 190 TUNEB7GOON EQU \*  
D145:C8 191 INY  
D146:B1 35 192 LDA (TUN032),Y  
D148:48 193 PHA  
D149:C8 194 INY  
D14A:B1 35 195 LDA (TUN032),Y  
D14C:95 2A 196 STA TUNE32+1,X  
D14E:68 197 PLA  
D14F:95 29 198 STA TUNE32,X  
D151:4C 5F D1 199 JMP OUTSP2  
D154: 200 TUNEB7CNT EQU \*  
D154:B5 29 201 LDA TUNE32,X  
D156:18 202 CLC  
D157:69 03 203 ADC #3  
D159:95 29 204 STA TUNE32,X  
D15B:90 02 205 BCC NOI7  
D15D:F6 2A 206 INC TUNE32+1,X  
D15F: 207 NOI7 EQU \*  
D15F: 208 OUTSP2 EQU \*  
D15F:4C 42 B5 209 JMP TONE45

D162: 210 ;  
D162: 211 ;  
D162: 212 ;THE.END  
D162: 213 ;  
D162: 214 CHN R3ISUBS  
D162: 1 ;.SOUND  
D162: 2 ;.BY.TODD.MARSHALL  
D162: 3 ;.COPYRIGHT1984.JWDA  
D162: 4 ;  
D162: 5 ;  
D162: 6 ;  
D162: 7 ;  
D162: 8 ;

D162: 9 TTUN3TUNALL EQU \*  
D162:A0 00 10 LDY #0  
D164:A6 20 11 LDX TTEMP+1  
D166:B5 29 12 LDA TUNE32,X  
D168:83 35 13 STA TUN032  
D16A:B5 2A 14 LDA TUNE32+1,X  
D16C:85 36 15 STA TUN032+1  
D16E:B1 35 16 LDA (TUN032),Y  
D170:8D 4E B1 17 STA T3TM4  
D173:8D 51 B1 18 STA T3TM4+3  
D176:C8 19 INY  
D177:B1 35 20 LDA (TUN032),Y  
D179:0E 4E B1 21 ASL T3TM4  
D17C:2A 22 ROL A  
D17D:0E 4E B1 23 ASL T3TM4  
D180:2A 24 ROL A  
D181:0E 4E B1 25 ASL T3TM4  
D184:2A 26 ROL A  
D185:0E 4E B1 27 ASL T3TM4  
D188:2A 28 ROL A  
D189:0E 4E B1 29 ASL T3TM4  
D18C:2A 30 ROL A  
D18D:9D 58 B1 31 STA TUN431+1,X  
D190:AD 51 B1 32 LDA T3TM4+3  
D192:8D 58 B1 33 STA T3TM4+3



D190:AD 31 B1 32 LDA T3004+3  
D193:09 F8 33 ORA #F8

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D195:9D 5A B1 34 STA TUN431,X
D198:A5 35 35 LDA TUN032
D19A:18 36 CLC
D19B:69 02 37 ADC #2
D19D:95 29 38 STA TUNE32,X
D19F:90 02 39 BCC NOCRY11
D1A1:E6 36 40 INC TUN032+1
D1A3:A5 36 41 NOCRY11 LDA TUN032+1
D1A5:95 2A 42 STA TUNE32+1,X
D1A7:A6 24 43 LDX TTEMP+5
D1A9:60 44 RTS
D1AA: 45 ;
D1AA: 46 ;
D1AA: 47 ;
D1AA: 48 ;
D1AA: 49 TTUN3TUNANY EQU *
D1AA:A0 00 50 LDY #0
D1AC:A6 20 51 LDX TTEMP+1
D1AE:B5 29 52 LDA TUNE32,X
D1B0:85 35 53 STA TUN032
D1B2:B5 2A 54 LDA TUNE32+1,X
D1B4:85 36 55 STA TUN032+1
D1B6:B1 35 56 LDA (TUN032),Y
D1B8:9D 66 B1 57 STA TUN432,X
D1BB:C8 58 INY
D1BC:B1 35 59 LDA (TUN032),Y
D1BE:9D 67 B1 60 STA TUN432+1,X
D1C1:A5 35 61 LDA TUN032
D1C3:18 62 CLC
D1C4:69 02 63 ADC #2
D1C6:90 02 64 BCC NOCRY13
D1C8:E6 36 65 INC TUN032+1
D1CA: 66 NOCRY13 EQU *
D1CA:95 29 67 STA TUNE32,X
D1CC:A5 36 68 LDA TUN032+1
D1CE:95 2A 69 STA TUNE32+1,X
D1D0:A6 24 70 LDX TTEMP+5
D1D2:60 71 RTS
D1D3: 72 ;
D1D3: 73 ;
D1D3: 74 T3001SD EQU *
D1D3:A9 00 75 LDA #0
D1D5:F0 02 76 BEQ DOSPID
D1D7:A9 01 77 T3001SI LDA #1
D1D9: 78 DOSPID EQU *
D1D9:08 79 PHP
D1DA:A6 24 80 LDX TTEMP+5
D1DC:A4 20 81 LDY TTEMP+1
D1DE:B9 C4 B0 82 LDA TON30,Y
D1E1:C9 FF 83 CMP #FF
D1E3:D0 05 84 BNE AMIDTON30
D1E5:D9 C5 B0 85 CMP TON30+1,Y
D1E8:F0 1B 86 BEQ STRITTON30
D1EA: 87 AMIDTON30 EQU *
D1EA:85 22 88 STA TTEMP+3
D1EC:B9 C3 B0 89 LDA TON30+1,Y
D1EF:10 06 90 BPL OKSPUD
D1F1:29 7F 91 AND #F7
D1F3:85 25 92 STA TTEMP+6
D1F5:10 34 93 BPL TEMPTUNE
D1F7: 94 OKSPUD EQU *
D1F7:AD D0 B0 95 LDA TIMER

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D1F7:AD D0 B0 97 LDA TIMER  
D1FA:29 0F 96 AND ##F

D1FC:08	97	PHP	
D1FD:B9 C5 B0	98	LDA	TON30+1,Y
D200:28	99	PLP	
D201:F0 10	100	BEQ	ONETON30
D203:D0 11	101	BNE	NOTON30S
D205:	102	STRTTON30	EQU *
D205:BD 31 B0	103	LDA	TONE301,X
D208:85 22	104	STA	TTEMP+3
D20A:BD 32 B0	105	LDA	TONE301+1,X
D20D:4A	106	LSR	A
D20E:66 22	107	ROR	TTEMP+3
D210:4A	108	LSR	A
D211:66 22	109	ROR	TTEMP+3
D213:	110	ONETON30	EQU *
D213:4A	111	LSR	A
D214:66 22	112	ROR	TTEMP+3
D216:	113	NOTON30S	EQU *
D216:85 25	114	STA	TTEMP+6
D218:99 C3 B0	115	STA	TON30+1,Y
D21B:05 22	116	ORA	TTEMP+3
D21D:D0 04	117	BNE	TON30NZ
D21F:A9 01	118	LDA	#1
D221:83 22	119	STA	TTEMP+3
D223:	120	TON30NZ	EQU *
D223:A5 22	121	LDA	TTEMP+3
D225:99 C4 B0	122	STA	TON30,Y
D228:28	123	PLP	
D229:D0 1A	124	BNE	DODBA
D22B:	125	TEMPLTUNE	EQU *
D22B:BD 31 B0	126	LDA	TONE301,X
D22E:38	127	SEC	
D22F:E5 22	128	SBC	TTEMP+3
D231:9D 31 B0	129	STA	TONE301,X
D234:B0 03	130	BCS	NOBORRW
D236:DE 32 B0	131	DEC	TONE301+1,X
D239:	132	NOBORRW	EQU *
D239:BD 32 B0	133	LDA	TONE301+1,X
D23C:38	134	SEC	
D23D:E5 25	135	SBC	TTEMP+6
D23F:9D 32 B0	136	STA	TONE301+1,X
D242:A0 00	137	LDY	#0
D244:60	138	RTS	
D245:	139	DODBA	EQU *
D245:BD 31 B0	140	LDA	TONE301,X
D248:18	141	CLC	
D249:65 22	142	ADC	TTEMP+3
D24B:9D 31 B0	143	STA	TONE301,X
D24E:90 02	144	BCC	NOHADD
D250:E6 25	145	INC	TTEMP+6
D252:BD 32 B0	146	NOHADD	LDA TONE301+1,X
D255:18	147	CLC	
D256:65 25	148	ADC	TTEMP+6
D258:9D 32 B0	149	STA	TONE301+1,X
D25B:A0 00	150	LDY	#0
D25D:60	151	RTS	
D25E:	152		
D25E:	153		
D25E:	154	T3001FB	EQU *
D25E:A6 20	155	LDX	TTEMP+1
D260:A0 00	156	LDY	#0
D262:E0 06	157	CPX	#6
D264:90 02	158	BCC	DOFBFRST

D284:90	02	158	BCC	DOFBFRST
D266:A0	07	159	LDY	#7

D268: 160 DOFBFRST EQU \*

D268:BD	5A B1	161	LDA	TUN431,X
D26B:29	07	162	AND	#7
D26D:9D	5A B1	163	STA	TUN431,X
D270:B9	5B B0	164	LDA	TUN051,Y
D273:29	07	165	AND	#7
D275:99	5B B0	166	STA	TUN051,Y
D278:18		167	CLC	
D279:7D	5A B1	168	ADC	TUN431,X
D27C:8D	4E B1	169	STA	T3TM4
D27F:4A		170	LSR	A
D280:4A		171	LSR	A
D281:4A		172	LSR	A
D282:4A		173	LSR	A
D283:B9	5C B0	174	LDA	TUN051+1,Y
D286:7D	5B B1	175	ADC	TUN431+1,X
D289:8D	4F B1	176	STA	T3TM4+1
D28C:6A		177	ROR	A
D28D:5D	5B B1	178	EOR	TUN431+1,X
D290:30	0F	179	BMI	NEGTUNALL
D292:AD	4F B1	180	LDA	T3TM4+1
D295:99	5C B0	181	STA	TUN051+1,Y
D298:AD	4E B1	182	LDA	T3TM4
D29B:09	80	183	ORA	#\$80
D29D:99	5B B0	184	STA	TUN051,Y
D2A0:60		185	RTS	
D2A1:		186	NEGTUNALL EQU *	
D2A1:38		187	SEC	
D2A2:BD	5A B1	188	LDA	TUN431,X
D2A5:49	FF	189	EOR	#\$FF
D2A7:09	F8	190	ORA	#\$F8
D2A9:69	00	191	ADC	#0
D2AB:29	07	192	AND	#7
D2AD:9D	5A B1	193	STA	TUN431,X
D2B0:BD	5B B1	194	LDA	TUN431+1,X
D2B3:49	FF	195	EOR	#\$FF
D2B5:69	00	196	ADC	#0
D2B7:9D	5B B1	197	STA	TUN431+1,X
D2BA:60		198	RTS	
D2BB:		199		
D2BB:		200		
D2BB:		201	T3001PD EQU *	
D2BB:A6	20	202	LDX	TTEMP+1
D2BD:A4	24	203	LDY	TTEMP+5
D2BF:BD	66 B1	204	LDA	TUN432,X
D2C2:8D	4E B1	205	STA	T3TM4
D2C5:BD	67 B1	206	LDA	TUN432+1,X
D2C8:29	0F	207	AND	#\$F
D2CA:9D	67 B1	208	STA	TUN432+1,X
D2CD:8D	4F B1	209	STA	T3TM4+1
D2D0:B9	34 B0	210	LDA	TONE301+3,Y
D2D3:29	0F	211	AND	#\$0F
D2D5:C9	06	212	CMP	#6
D2D7:90	21	213	BCC	NOTONE3
D2D9:C9	0A	214	CMP	##A
D2DB:B0	1D	215	BCC	NOTONE3
D2DD:BD	67 B1	216	LDA	TUN432+1,X
D2E0:4A		217	LSR	A
D2E1:8D	4F B1	218	STA	T3TM4+1
D2E4:BD	66 B1	219	LDA	TUN432,X
D2E7:6A		220	ROR	A
D2E8:18		221	CLC	

D2E8:18	221	CLC	TUN432,X
D2E9:7D 66 B1	222	ADC	
D2EC:8D 4E B1	223	STA	T3TM4
D2EF:AD 4F B1	224	LDA	T3TM4+1
D2F2:7D 67 B1	225	ADC	TUN432+1,X
D2F5:29 0F	226	AND	##F
D2F7:8D 4F B1	227	STA	T3TM4+1
D2FA:	228	NOTONE3 EQU	*
D2FA:B9 33 B0	229	LDA	TONE301+2,Y
D2FD:18	230	CLC	
D2FE:6D 4E B1	231	ADC	T3TM4
D301:8D 50 B1	232	STA	T3TM4+2
D304:B9 34 B0	233	LDA	TONE301+3,Y
D307:29 0F	234	AND	##0F
D309:6D 4F B1	235	ADC	T3TM4+1
D30C:8D 51 B1	236	STA	T3TM4+3
D30F:AD 4F B1	237	LDA	T3TM4+1
D312:0A	238	ASL	A
D313:AD 51 B1	239	EOR	T3TM4+3
D316:29 10	240	AND	##10
D318:F0 1D	241	BEQ	NOTEMPX
D31A:BD 66 B1	242	LDA	TUN432,X
D31D:49 FF	243	EOR	##FF
D31F:9D 66 B1	244	STA	TUN432,X
D322:FE 66 B1	245	INC	TUN432,X
D325:08	246	PHP	
D326:8D 67 B1	247	LDA	TUN432+1,X
D329:49 FF	248	EOR	##FF
D32B:9D 67 B1	249	STA	TUN432+1,X
D32E:28	250	PLP	
D32F:D0 12	251	BNE	NOTEMPL
D331:FE 67 B1	252	INC	TUN432+1,X
D334:4C 43 D3	253	JMP	NOTEMPL
D337:	254	NOTEMPX EQU	*
D337:AD 50 B1	255	LDA	T3TM4+2
D33A:99 33 B0	256	STA	TONE301+2,Y
D33D:AD 51 B1	257	LDA	T3TM4+3
D340:99 34 B0	258	STA	TONE301+3,Y
D343:	259	NOTEMPL EQU	*
D343:	260	TYA	
D343:	261	TAX	
D343:60	262	RTS	
D344:A2 05	263	OUTTUNE LDX	##5
D346:	264	OUTLOPT2 EQU	*
D346:B9 5B B0	265	LDA	TUNE51,Y
D349:9D 6F B3	266	STA	TUNE611,X
D34C:CA	267	DEX	
D34D:88	268	DEY	
D34E:D0 F6	269	BNE	OUTLOPT2
D350:BD 24 D0	270	LDA	TUNEBC,X
D353:9D 70 B3	271	STA	TUNE611+1,X
D356:E8	272	INX	
D357:BD 24 D0	273	LDA	TUNEBC,X
D35A:9D 70 B3	274	STA	TUNE611+1,X
D35D:4C 6F B3	275	JMP	TUNE51XT
D360:	276	*	
D360:	277	TONE5B EQU	*
D360:A0 00	278	LDY	##0
D362:A3 20	279	LDA	TEMP+1
D364:C9 06	280	CMF	##6
D366:90 02	281	BCC	OKFBISO
D368:A0 07	282	LDY	##7
D36A:	283	OKFBISO EQU	*
D36A:BD 66 B6	284	LDA	MAPFBOT,X



D36A:BD 86 B6 284 LDA MAPFBOT+3,X  
D36D:99 58 B0 285 STA TUN051Y

D370:BD 87 B6 286 LDA MAPFBOT+1,X  
D373:99 5C B0 287 STA TUN051+1,Y  
D376:BD 88 B6 288 LDA MAPFBOT+2,X  
D379:99 5D B0 289 STA TUN051+2,Y

D37C:BD 89 B6 290 LDA MAPFBOT+3,X  
D37F:99 5E B0 291 STA TUN051+3,Y  
D382:A9 00 292 LDA #0

D384:99 5F B0 293 STA TUN051+4,Y  
D387: 294 ;NOTE.Y.REG.IS.RETURNED  
D387:60 295 RTS

D388: 296 T30T20 EQU \*  
D388:A0 05 297 LDY #5  
D38A:BD 33 B0 298 SAVJSR20 LDA TONE301+2,X  
D38D:9D 0A B1 299 STA FBMAPOT+2,X  
D390:E8 300 INX  
D391:88 301 DEY

D392:D0 F6 302 BNE SAVJSR20  
D394:A6 20 303 LDX TTEMP+1  
D396:B1 35 304 LDA (TUN032),Y

D398:8D 4E B1 305 STA T3TM4  
D39B:C8 306 INY  
D39C:B1 35 307 LDA (TUN032),Y  
D39E:2D D1 B0 308 AND RATTIME  
D3A1:88 309 DEY  
D3A2:18 310 CLC

D3A3:6D 4E B1 311 ADC T3TM4  
D3A6:20 27 D5 312 JSR TONEB2BX  
D3A9:18 313 CLC

D3AA:69 02 314 ADC #2  
D3AC:90 02 315 BCC OKIJ20  
D3AE:F6 2A 316 INC TUNE32+1,X

D3B0: 317 OKIJ20 EQU \*  
D3B0:9D 32 B1 318 STA TUN301R,X  
D3B3:85 2A 319 LDA TUNE32+1,X  
D3B5:9D 33 B1 320 STA TUN301R+1,X  
D3B8:A5 27 321 LDA TTEMP+8  
D3BA:95 29 322 STA TUNE32,X  
D3BC:A5 28 323 LDA TTEMP+9  
D3BE:95 2A 324 STA TUNE32+1,X  
D3C0:4C E5 D0 325 JMP SETTREGS

D3C3: 326 T30T21 EQU \*  
D3C3:A6 20 327 LDX TTEMP+1  
D3C5:BD 32 B1 328 LDA TUN301R,X  
D3C8:95 29 329 STA TUNE32,X  
D3CA:BD 33 B1 330 LDA TUN301R+1,X  
D3CD:95 2A 331 STA TUNE32+1,X

D3CF:A6 24 332 LDX TTEMP+5  
D3D1:A0 04 333 LDY #4  
D3D3: 334 BAKLOPR EQU \*

D3D3:BD 0A B1 335 LDA FBMAPOT+2,X  
D3D6:9D 33 B0 336 STA TONE301+2,X  
D3D9:E8 337 INX  
D3DA:88 338 DEY  
D3DB:10 F6 339 BPL BAKLOPR  
D3DD:4C 42 B5 340 JMP TONE45

D3E0: 341 T30T23 EQU \*  
D3E0:A9 0F 342 LDA #15  
D3E2:8D 4E B1 343 STA T3TM4

D3E5: 344 SETMAP2FBOT EQU \*  
D3E5:A0 00 345 LDY #0  
D3E7:A5 20 346 LDA TTEMP+1  
D3E9:0A 347 ASL A

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D3E9:0A 348 ASL A

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D3EB:0A 349 ASL A
D3EC:AA 350 TAX
D3ED:B1 351 LDA (TUN032),Y
D3EF:C8 352 INY
D3F0:C9 23 353 CMP #523
D3F2:F0 09 354 BEQ OUTLOOP23
D3F4:9D 72 B1 355 STA MAP2FB0T,X
D3F7:E8 356 INX
D3F8:CE 4E B1 357 DEC T3TM4
D3FB:10 F0 358 BPL LOOP23
D3FD:8C 4E B1 359 OUTLOOP23 STY T3TM4
D400:A0 00 360 LDY #0
D402:A6 20 361 LDX TTEMP+1
D404:A5 35 362 LDA TUN032
D406:18 363 CLC
D407:6D 4E B1 364 ADC T3TM4
D40A:95 29 365 STA TUNE32,X
D40C:98 366 TYA ;0
D40D:65 36 367 ADC TUN032+1
D40F:95 2A 368 STA TUNE32+1,X
D411:4C 42 B5 369 JMP TONE45
D414: 370 DOVE EQU *
D414:A5 20 371 LDA TTEMP+1
D416:0A 372 ASL A
D417:0A 373 ASL A
D418:0A 374 ASL A
D419:18 375 CLC
D41A:6D 4E B1 376 ADC T3TM4
D41D:18 377 CLC
D41E:69 D0 378 ADC #$D0
D420:AA 379 TAX
D421:BD 72 B1 380 LDA MAP2FB0T,X
D424:A6 24 381 LDX TTEMP+5
D426:4C 46 D0 382 JMP NOTT30
D429: 383 ;
D429: 384 ;
D429: 385 ;
D429: 386 ;
D429: 387 T30T22 EQU *
D429:A6 20 388 LDX TTEMP+1
D42B:BD 75 B0 389 LDA TUN03012,X
D42E:F0 11 390 BEQ LOOPST2
D430:BD 76 B0 391 LDA TUN03012+1,X
D433:F0 06 392 BEQ LOOPEND2
D435:DE 76 B0 393 DEC TUN03012+1,X
D438:4C 49 D4 394 JMP LOOPGOON2
D43B: 395 LOOPEND2 EQU *
D43B:9D 75 B0 396 STA TUN03012,X
D43E:4C 58 D4 397 JMP LOOPCNT2
D441: 398 ;
D441: 399 ;
D441: 400 LOOPST2 EQU *
D441:FE 75 B0 401 INC TUN03012,X
D444:B1 35 402 LDA (TUN032),Y
D446:9D 76 B0 403 STA TUN03012+1,X
D449: 404 LOOPGOON2 EQU *
D449:C8 405 INY
D44A:B1 35 406 LDA (TUN032),Y
D44C:43 407 PHA
D44D:C8 408 INY
D44E:B1 35 409 LDA (TUN032),Y
D450:95 2A 410 STA TUNE32+1,X

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D450:95 2A 410 STA TUNE32+1,X  
D452:68 411 PLA

D453:95 29 412 STA TUNE32,X  
D455:4C 42 B5 413 JMP TONE45  
D458: 414 LOOPCNT2 EQU \*  
D458:B5 29 415 LDA TUNE32,X  
D45A:18 416 CLC  
D45B:69 03 417 ADC #3  
D45D:95 29 418 STA TUNE32,X  
D45F:90 02 419 BCC NOI27  
D461:F6 2A 420 INC TUNE32+1,X  
D463: 421 NOI27 EQU \*  
D463:4C 42 B5 422 JMP TONE45  
D466: 423 T30FRAME EQU \*  
D466:20 D3 D1 424 JSR T3001SD  
D469:4C 8F D0 425 JMP TONEB3  
D46C: 426 T30TM EQU \*  
D46C:20 D7 D1 427 JSR T3001SI  
D46F:4C 8F D0 428 JMP TONEB3  
D472:A9 FF 429 T30TON30 LDA #\$FF  
D474:A6 20 430 LDX TTEMP+1  
D476:9D C4 B0 431 STA TON30,X  
D479:9D C5 B0 432 STA TON30+1,X  
D47C:4C 9C B5 433 JMP TUN015  
D47F: 434 T30SETSR EQU \*  
D47F:20 1A B2 435 JSR TTUN3SD  
D482:4C 9C B5 436 JMP TUN015  
D485: 437 T30TA EQU \*  
D485:A0 07 438 LDY #7  
D487: 439 TONEB8 EQU \*  
D487:BD 31 B0 440 LDA TONE301,X  
D48A:9D D2 B0 441 STA FBMAPT30,X  
D48D:E8 442 INX  
D48E:88 443 DEY  
D48F:D0 F6 444 BNE TONEB8  
D491:20 25 D5 445 JSR TONEB2B  
D494:9D FC B0 446 STA TUN3012,X  
D497:B5 2A 447 LDA TUNE32+1,X  
D499:9D FD B0 448 STA TUN3012+1,X  
D49C:FE FC B0 449 INC TUN3012,X  
D49F:D0 03 450 BNE NOIA  
D4A1:FE FD B0 451 INC TUN3012+1,X  
D4A4: 452 NOIA EQU \*  
D4A4:A5 27 453 LDA TTEMP+8  
D4A6:95 29 454 STA TUNE32,X  
D4A8:A5 28 455 LDA TTEMP+9  
D4AA:95 2A 456 STA TUNE32+1,X  
D4AC:4C E5 D0 457 JMP SETTREGS  
D4AF: 458 T30TB EQU \*  
D4AF:A6 20 459 LDX TTEMP+1  
D4B1:BD FC B0 460 LDA TUN3012,X  
D4B4:95 29 461 STA TUNE32,X  
D4B6:BD FD B0 462 LDA TUN3012+1,X  
D4B9:95 2A 463 STA TUNE32+1,X  
D4BB:A6 24 464 LDX TTEMP+5  
D4BD:A0 06 465 LDY #6  
D4BF: 466 TONEB7 EQU \*  
D4BF:BD D2 B0 467 LDA FBMAPT30,X  
D4C2:9D 31 B0 468 STA TONE301,X  
D4C5:E8 469 INX  
D4C6:88 470 DEY  
D4C7:10 F6 471 BPL TONEB7  
D4C9:4C 42 B5 472 JMP TONE45  
D4CC: 473 T30TC EQU \*

D4CC: 473 T30TC EQU \*  
D4CC:A6 20 474 LDX TTEMP+

D4CE:B1 35 475 LDA (TUN032),Y

D4D0:20 0F B3 476 JSR DOTUNE6

D4D3:4C 42 B5 477 JMP TONE43

D4D6: 478 T30TD EQU \*

D4D6:B1 35 479 LDA (TUN032),Y

D4D8:AA 480 TAX

D4D9:A4 24 481 LDY TTEMP+5

D4DB:20 60 D3 482 JSR TONEB6

D4DE:89 58 B0 483 LDA TUN051,Y

D4E1:09 80 484 ORA ##80

D4E3:99 58 B0 485 STA TUN051,Y

D4E6: 486 T30TE EQU \*

D4E6:A6 20 487 LDX TTEMP+1

D4E8: 488 TONEB9 EQU \*

D4E8:F6 29 489 INC TUNE32,X

D4EA:D0 02 490 BNE OKTBXD

D4EC:F6 2A 491 INC TUNE32+1,X

D4EE: 492 OKTBXD EQU \*

D4EE:4C 9C B5 493 JMP TUN013

D4F1:A6 20 494 T30TF LDX TTEMP+1

D4F3:A9 00 495 LDA ##0

D4F5:4C 9C B5 496 JMP TUN015

D4F8: 497 ;

D4F8: 498 T30T24 EQU \*

D4F8:20 25 D5 499 JSR TONEB28

D4FB:9D 3E B1 500 STA TUN30124,X

D4FE:B5 2A 501 LDA TUNE32+1,X

D500:9D 3F B1 502 STA TUN30124+1,X

D503:FE 3E B1 503 INC TUN30124,X

D506:D0 03 504 BNE NOI24

D508:FE 3F B1 505 INC TUN30124+1,X

D50B: 506 NOI24 EQU \*

D50B:A5 27 507 LDA TTEMP+8

D50D:95 29 508 STA TUNE32,X

D50F:A5 23 509 LDA TTEMP+9

D511:95 2A 510 STA TUNE32+1,X

D513:4C 42 B5 511 JMP TONE45

D516: 512 T30T25 EQU \*

D516:A6 20 513 LDX TTEMP+1

D518:BD 3E B1 514 LDA TUN30124,X

D51B:95 29 515 STA TUNE32,X

D51D:BD 3F B1 516 LDA TUN30124+1,X

D520:95 2A 517 STA TUNE32+1,X

D522:4C 42 B5 518 JMP TONE45

D525: 519 TONEB28 EQU \*

D525:B1 35 520 LDA (TUN032),Y

D527: 521 TONEB28X EQU \*

D527:A6 20 522 LDX TTEMP+1

D529:A4 20 523 LDY TTEMP+1

D52B:0A 524 ASL A

D52C:48 525 PHA

D52D:90 09 526 BCC SUBPC

D52F:A9 04 527 LDA #4

D531:C0 06 528 CPY #6

D533:B0 02 529 BCS COMMY

D535:A9 FE 530 LDA ##FE

D537:A8 531 COMMY TAY

D538:E0 06 532 SUBPC CPX #6

D53A:90 0C 533 BCC TONEB6

D53C:A9 06 534 LDA ##6

D53E:8D 58 D5 535 STA CDL1

D541:8D 61 D5 536 STA CDL2



D541:8D 81 D5 538 STA CDL2  
D544:A9 BA 537 LDA #BBA

D546:D0 0A 538 BNE GETPAGES  
D548:A9 31 539 TONEB6 LDA #>SUBPAGE  
D54A:8D 5B D5 540 STA CDL1  
D54D:8D 61 D5 541 STA CDL2  
D550:A9 D8 542 LDA #<SUBPAGE  
D552:8D 5C D5 543 GETPAGES STA CDL1+1  
D555:8D 62 D5 544 STA CDL2+1  
D558:C8 545 INY  
D559:C8 546 INY  
D55B: 547 CDL1 EQU \*\*+1  
D55A:B9 31 D8 548 LDA SUBPAGE,Y  
D55D:85 37 549 STA TUN032+2  
D55F:C8 550 INY  
D561: 551 CDL2 EQU \*\*+1  
D560:B9 31 D8 552 LDA SUBPAGE,Y  
D563:85 38 553 STA TUN032+3  
D565:68 554 PLA  
D566:A8 555 TAY  
D567: 556 ;  
D567:B1 37 557 LDA (TUN032+2),Y  
D569:85 27 558 STA TTEMP+8  
D56B:C8 559 INY  
D56C:B1 37 560 LDA (TUN032+2),Y  
D56E:85 28 561 STA TTEMP+9  
D570:A0 00 562 LDY #0  
D572:B5 29 563 LDA TUNE32,X  
D574:60 564 RTS  
D575: 565 SEVE EQU \*  
D575:AD 4E B1 566 LDA T3TM4  
D578:29 0F 567 AND #F  
D57A:8D 4E B1 568 STA T3TM4  
D57D:4C E5 D3 569 JMP SETMAP2FBOT  
D580: 570 ;  
D580: 571 ;  
D580: 572 ;THE.END  
D580: 573 ;  
D580: 574 CHN R3ITBL2

D580:	2	:
D580:	3	:TUNE, TABLES
D580:	4	:
D580:	5	T30 EQU *
D580:00 08 88	6	DFB 0,8,\$88,0,4
D583:00 04		
D585:00 00 18	7	DFB 0,0,\$18,1,4
D588:01 04		
D58A:A0 0F 48	8	DFB \$A0,\$0F,\$48,0,4
D58D:00 04		
D58F:00 00 88	9	DFB 0,0,\$88,4,4
D592:04 04		
D594:00 0F 88	10	DFB 0,\$F,\$88,0,0
D597:00 00		
D599:00 00 88	11	DFB 0,0,\$88,\$98,3
D59C:98 03		
D59E:00 00 10	12	DFB 0,0,\$10,0,\$6A
D5A1:00 6A		
D5A3:00 06 48	13	DFB \$0,6,\$48,\$02,\$79
D5A6:02 79		
D5A8:00 02 48	14	DFB \$0,2,\$48,\$02,\$79
D5AB:02 79		
D5AD:00 05 48	15	DFB \$0,5,\$48,\$07,\$27
D5B0:07 27		
D5B2:00 01 40	16	DFB 0,1,\$40,\$07,\$5A
D5B5:07 3A		
D5B7:00 00 88	17	DFB 0,0,\$88,\$A0,00
D5BA:A0 00		
D5BC:00 00 88	18	DFB 0,0,\$88,\$90,00
D5BF:90 00		
D5C1:00 00 88	19	DFB 0,0,\$88,\$40,\$95
D5C4:40 95		
D5C6:00 00 10	20	DFB 0,0,\$10,\$52,0
D5C9:52 00		
D5CB:00 00 88	21	DFB 0,0,\$88,1,4
D5CE:01 04		
D5D0:00 00 14	22	DFB 0,0,\$14,4,\$3C
D5D3:04 3C		
D5D5:00 00 10	23	DFB 0,0,\$10,4,\$54
D5D8:04 34		
D5DA:00 00 14	24	DFB 0,0,\$14,4,\$54
D5DD:04 34		
D5DF:50 01 48	25	DFB \$50,\$1,\$48,\$39,0
D5E2:39 00		
D5E4:30 00 40	26	DFB \$30,0,\$40,\$20,\$F0
D5E7:20 F0		
D5E9:00 00 88	27	DFB 0,0,\$88,8,0
D5EC:08 00		
D5EE:A0 00 48	28	DFB \$A0,0,\$48,6,\$F4
D5F1:06 F4		
D5F3:00 00 18	29	DFB \$0,0,\$18,6,\$F4
D5F6:06 F4		
D5F8:00 00 10	30	DFB 0,0,\$10,4,\$6C
D5FB:04 6C		
D5FD:00 00 14	31	DFB 0,0,\$14,4,\$6C
D600:04 6C		
D602:00 00 48	32	DFB 0,0,\$48,8,8
D605:08 08		
D607:A0 01 48	33	DFB \$A0,1,\$48,\$00,\$7C
D60A:00 7C		
D60C:00 04 48	34	DFB 0,4,\$48,0,\$68
D60F:00 68		

D60F:00 00 35 DFB 0,7,\$48,\$00,\$7C

D614:00 7C

D616:00 08 48 36 DFB 0,8,\$48,1,\$7D

D619:01 7D

D61B:00 00 10 37 DFB 0,0,\$10,6,\$75

D61E:06 75

D620:00 00 10 38 DFB 0,0,\$10,\$7B,\$79

D623:7B 79

D625:00 00 88 39 DFB 0,0,\$88,\$7B,0

D628:7B 00

D62A:00 00 88 40 DFB 0,0,\$88,\$70,\$F9

D62D:70 F9

D62F:00 08 48 41 DFB 0,8,\$48,4,\$5A

D632:04 5A

D634:00 00 88 42 DFB 0,0,\$88,\$AA,\$FA

D637:AA FA

D639:28 00 48 43 DFB \$28,0,\$48,\$AA,\$FA

D63C:AA FA

D63E:00 02 48 44 DFB 0,2,\$48,\$33,\$A3

D641:33 A3

D643:00 00 88 45 DFB 0,0,\$88,\$53,\$33

D646:53 33

D648:00 02 48 46 DFB 0,2,\$48,4,\$54

D64B:04 54

D64D:00 00 14 47 DFB 0,0,\$14,\$30,\$F2

D650:30 F2

D652: 48 ORGTS EQU >\*

D652: 49 DS 256-ORGTS

D700: 50 ;

D700: 51 ;

D700:00 00 52 T30T1 DW 0

D702:D7 D0 53 DW T30T

D704:FB D0 54 DW T30T2

D706:BF D0 55 DW T30T3

D708:13 D1 56 DW T30T4

D70A:C7 D0 57 DW T30T5

D70C:7F D4 58 DW T30SET5IR

D70E:72 D4 59 DW T30TON30

D710:66 D4 60 DW T30FRAME

D712:6C D4 61 DW T30TM

D714:85 D4 62 DW T30TA

D716:AF D4 63 DW T30TB

D718:CC D4 64 DW T30TC

D71A:D6 D4 65 DW T30TD

D71C:E6 D4 66 DW T30TE

D71E:F1 D4 67 DW T30TF

D720:9C B5 68 DW TUN015

D722:47 B2 69 DW T30T11

D724:4D B2 70 DW T30T12

D726:5A B2 71 DW T30T13

D728:60 B2 72 DW T30T14

D72A:F4 B2 73 DW T30T15

D72C:FD B2 74 DW T30T16

D72E:06 B3 75 DW T30T17

D730:8D B4 76 DW T30T18

D732:96 B4 77 DW T30T19

D734:9F B4 78 DW T30T1A

D736:2D B3 79 DW T30T1B

D738:39 B3 80 DW T30T1C

D73A:19 B4 81 DW T30T1D

D73C:42 B3 82 DW T30T1E

D73E:0D B4 83 DW T30T1F

D740:88 D3 84 DW T30T20

D740:88 D3 84 DW T30T20  
D742:C3 D3 85 DW T30T21

D744:29 D4 86 DW T30T22  
D746:E0 D3 87 DW T30T23  
D748:F8 D4 88 DW T30T24  
D74A:16 D3 89 DW T30T25  
D74C:22 B4 90 DW T30T26  
D74E:A8 B4 91 DW T30T27  
D750:9C B5 92 DW TUN015  
D752:9C B5 93 DW TUN015  
D754:9C B5 94 DW TUN015  
D756:9C B5 95 DW TUN015  
D758:9C B5 96 DW TUN015  
D75A:9C B5 97 DW TUN015  
D75C:9C B5 98 DW TUN015  
D75E:9C B5 99 DW TUN015  
D760:14 D4 100 DW DOVE  
D762:75 D5 101 DW SEVE

D764: 102 ;  
D764: 103 ;  
D764: 104 ;

D764: 105 TUNFB13 EQU \*  
D764:70 B6 106 TUNFB03 DW DEADT  
D766:70 B6 107 DW DEADT  
D768:70 B6 108 DW DEADT  
D76A:00 00 109 DW 0  
D76C:00 00 110 DW 0  
D76E:39 D8 111 DW DXA1  
D770:00 00 112 DW 0  
D772:00 00 113 DW 0  
D774:42 D8 114 DW TOWN1  
D776:4B D8 115 DW LMSTAIN1  
D778:00 00 116 DW 0  
D77A:00 00 117 DW 0  
D77C:7D D8 118 DW LMSCRAPE1  
D77E:00 00 119 DW 0  
D780:85 D8 120 DW RMKITCH1  
D782:63 D8 121 DW LMSNAIN1  
D784:00 00 122 DW 0  
D786:00 00 123 DW 0  
D788:4B D8 124 DW LMSTAIN1  
D78A:00 00 125 DW 0  
D78C:00 00 126 DW 0  
D78E:7D D8 127 DW LMSCRAPE1  
D790:00 00 128 DW 0  
D792:85 D8 129 DW RMKITCH1  
D794:63 D8 130 DW LMSNAIN1  
D796:00 00 131 DW 0  
D798:00 00 132 DW 0  
D79A:9D D8 133 DW DGGSTEP1  
D79C:00 00 134 DW 0  
D79E:00 00 135 DW 0  
D7A0:D9 D8 136 DW KEYTY1  
D7A2:00 00 137 DW 0  
D7A4:00 00 138 DW 0  
D7A6:E1 D8 139 DW CRET1  
D7A8:00 00 140 DW 0  
D7AA:F1 D8 141 DW CRET2  
D7AC: 142 ;DW PB  
D7AC: 143 ;DW PM  
D7AC: 144 ;DW PH  
D7AC:00 BA 145 DW \$BA00  
D7AE:04 BA 146 DW \$BA04  
D7B0:03 BA 147 DW \$BA03

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D7B2:00 00 148 DW 0

D7B4:B8 D9 149 DW PHONEB1  
 D7B6:4D DA 150 DW PHONEB2  
 D7B8:00 00 151 DW 0  
 D7BA:C2 D9 152 DW TBRUSH1  
 D7BC:C2 D9 153 DW TBRUSH1  
 D7BE:06 DA 154 DW STANEH1  
 D7C0:00 00 155 DW 0  
 D7C2:00 00 156 DW 0  
 D7C4:04 DA 157 DW OFF1  
 D7C6:04 DA 158 DW OFF1  
 D7C8:04 DA 159 DW OFF1  
 D7CA:51 DA 160 DW FLALS51  
 D7CC:00 00 161 DW 0  
 D7CE:00 00 162 DW 0  
 D7D0:6F DA 163 DW FLALS41  
 D7D2:76 DA 164 DW FLALS42  
 D7D4:00 00 165 DW 0  
 D7D6:00 00 166 DW 0  
 D7D8:3F DA 167 DW PHDOWN1  
 D7DA:00 00 168 DW 0  
 D7DC:24 D8 169 DW T3MAB1  
 D7DE:2A D8 170 DW T3MAB2  
 D7E0:00 00 171 DW 0  
 D7E2:A3 B9 172 DW SP1  
 D7E4:AB B9 173 DW SP2  
 D7E6:00 00 174 DW 0  
 D7E8:00 00 175 DW 0  
 D7EA:12 BB 176 DW FLALS31  
 D7EC:00 00 177 DW 0  
 D7EE:48 BB 178 DW FLALS21  
 D7F0:4E BB 179 DW FLALS22  
 D7F2:00 00 180 DW 0  
 D7F4:00 00 181 DW 0  
 D7F6:62 BB 182 DW FLALS11  
 D7F8:00 00 183 DW 0  
 D7FA:8C DA 184 DW PUKING  
 D7FC:00 00 185 DW 0  
 D7FE:00 00 186 DW 0  
 D800:00 00 187 DW 0  
 D802:00 00 188 DW 0  
 D804:F4 DA 189 DW ONL1

D806: 190 ;  
 D806: 191 ;  
 D806: 192 ;  
 D806: 193 ;  
 D806: 194 ;  
 D806: 195 ;  
 D806: 196 ;  
 D806: 197 ;

D824:78 AD 10 198 T3MAB1 DFB \$78,\$AD,\$10,\$FD,\$24,0  
 D827:FD 24 00  
 D82A:7D E6 10 199 T3MAB2 DFB \$7D,\$E6,\$10,\$C6,\$24,\$26,0  
 D82D:C6 24 26

D830:00  
 D831: 200 ;  
 D831:4B B7 201 SUBPAGE DW STBCN  
 D833:F5 D8 202 DW STBN1  
 D835:E3 B7 203 DW STBN2  
 D837:C3 B8 204 DW STBN3

D839: 205 ;  
 D839: 206 ;  
 D839: 207 ;  
 D839: 208 ;

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D839: 209 :  
D839: 208 :

D839: 209 :

D839:00 0E 12 210 :  
D839:00 0E 12 211 DXA1 DFB 0,\$E,\$12  
D83C:A5 04 A4 212 DFB \$A5,4,\$A4,4,\$F,0

D83F:04 0F 00  
D842:0F 0E 18 213 TOWN1 DFB \$F,\$E,\$18  
D845:D7 04 D3 214 DFB \$D7,4,\$D3,6,\$F,0

D848:06 0F 00  
D84B:00 0E 00 215 LMSTAIN1 DFB 0,\$E,0  
D84E:20 1F 03 216 DFB \$20,31,3,\$F,0

D851:0F 00  
D853:00 A3 06 217 BR1 DFB 0,\$A3,\$6,\$21  
D856:21

D857:00 B2 06 218 BR2 DFB 0,\$B2,6,\$21  
D85A:21  
D85B:00 E3 06 219 BR3 DFB 0,\$E3,6,\$21

D85E:21  
D85F:00 92 06 220 BR4 DFB 0,\$92,6,\$21  
D862:21

D863:05 0E 06 221 LMSNAIN1 DFB 5,\$E,6,\$D,0  
D866:0D 00  
D868:20 23 03 222 DFB \$20,35,3,\$F,0

D86B:0F 00  
D86D:05 A2 06 223 STR1 DFB 5,\$A2,6,\$21  
D870:21

D871:05 F3 06 224 STR2 DFB 5,\$F3,6,\$21  
D874:21  
D875:05 CB 06 225 STR3 DFB 5,\$CB,6,\$21

D878:21  
D879:05 DB 06 226 STR4 DFB 5,\$DB,6,\$21  
D87C:21

D87D:0A 0E 0C 227 LMSCRAPE1 DFB \$A,\$E,\$C  
D880:20 2F 07 228 DFB \$20,47,7,\$F,0  
D883:0F 00

D885:0A 0E 0C 229 RMKITCH1 DFB \$A,\$E,\$C  
D888:20 60 07 230 DFB \$20,96,7,\$F,0  
D88B:0F 00

D88D:0A A4 06 231 K1 DFB \$A,\$A4,6,\$21  
D890:21  
D891:0A E4 06 232 K2 DFB \$A,\$E4,6,\$21

D894:21  
D895:0A DE 06 233 K3 DFB \$A,\$DE,6,\$21  
D898:21

D899:0A C6 06 234 K4 DFB \$A,\$C6,6,\$21  
D89C:21

D89D: 235 ;DGSTEP1 DFB \$14,\$E,\$1E  
D89D: 236 ;DFB \$B3,2,\$F6,2  
D89D: 237 ;DFB \$B6,2,\$F7,4,00

D89D:37 238 DGSTEP1 DFB \$37,  
D89E:20 27 07 239 DFB \$20,39,7,0  
D8A1:00

D8A2:37 240 FLALS61 DFB \$37  
D8A3:A6 26 10 241 DFB \$A6,\$26,\$10,\$26,\$B7,\$24,\$21  
D8A6:26 B7 24  
D8A9:21

D8AA:5F 0D 0C 242 FLALS62 DFB \$5F,\$B,\$C  
D8AD:1D 08 00 243 DFB \$1D,8,0,\$80,7  
D8B0:80 07

D8B2:B6 00 244 DFB \$B6,0  
D8B4:18 00 02 245 DG2L DFB \$18,0,2,\$A  
D8B7:0A

D8B8:B4 D3 246 DW DG2L

D8B8:B4 D8 248 DW D82L  
D8BA:10 01 22 247 DFB \$10,1,\$22,0

D8BD:00

D8BE:AB D8 248 DW FLALS62\*1

D8C0:21 249 DFB \$21

D8C1:64 0D 24 250 FLALS63 DFB \$64,\$D,\$24

D8C4:06 35 06 251 DFB 6,\$35,6,\$C1,0

D8C7:C1 00

D8C9:09 00 02 252 DG3L1 DFB 9,0,2,5

D8CC:05

D8CD:C9 D8 253 DW DG3L1

D8CF:10 12 06 254 DFB \$10,\$12,6,\$33,6,\$22,0

D8D2:33 06 22

D8D5:00

D8D6:C9 D8 255 DW DG3L1

D8D8:21 256 DFB \$21

D8D9: 257 KEYTY1 EQU \*

D8D9:14 0D 08 258 DFB \$14,\$D,8,\$E,\$24,\$B4,8,00

D8DC:0E 24 B4

D8DF:08 00

D8E1: 259 CRET1 EQU \*

D8E1:19 0D 0C 260 DFB \$19,\$D,\$C,\$10,8,\$11,\$70,0

D8E4:10 08 11

D8E7:70 00

D8E9: 261 CRLP EQU \*

D8E9:E5 00 12 262 DFB \$E5,\$00,\$12,2,6

D8EC:02 06

D8EE:E9 D8 263 DW CRLP

D8F0:00 264 DFB 0

D8F1: 265 CRET2 EQU \*

D8F1:1E A7 06 266 DFB \$1E,\$A7,6,0

D8F4:00

D8F5: 267 :

D8F5: 268 STBNT EQU \*

D8F5:00 00 269 DW 0

D8F7:01 00 270 DW 1

D8F9:02 00 271 DW 2

D8FB:03 00 272 DW 3

D8FD:04 00 273 DW 4

D8FF:05 00 274 DW 5

D901:06 00 275 DW 6

D903:07 00 276 DW 7

D905:08 00 277 DW 8

D907:09 00 278 DW 9

D909:0A 00 279 DW 10

D90B:22 00 280 DW 34 :11

D90D:29 00 281 DW 41 :12

D90F:2A 00 282 DW 42 :13

D911:2B 00 283 DW 43 :14

D913:2C 00 284 DW 44 :15

D915:00 00 285 DW 0 :16

D917:21 DA 286 DW STANEA :17

D919:26 DA 287 DW STANEB :18

D91B:2B DA 288 DW STANEC :19

D91D:30 DA 289 DW STANED :20

D91F:35 DA 290 DW STANEE :21

D921:3A DA 291 DW STANEF :22

D923:7C DA 292 DW FLALS4C1 :23

D925:80 DA 293 DW FLALS4C2 :24

D927:84 DA 294 DW FLALS4C3 :25

D929:88 DA 295 DW FLALS4C4 :26

D92B:5F DA 296 DW FLALS5C1 :27

D92D:63 DA 297 DW FLALS5C2 :28

D92F:67 DA 298 DW FLALS5C3 :29

D931:6B DA 299 DW FLALS5C4 :30

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D92F:87 DA 292 DW FLALS653 :127  
D931:6B DA 299 DW FLALS6C4 :130

D933:53 D8 300 DW BR1  
D935:57 D8 301 DW BR2  
D937:58 D8 302 DW BR3  
D939:5F D8 303 DW BR4 :134  
D93B:6D D8 304 DW STR1  
D93D:71 D8 305 DW STR2  
D93F:75 D8 306 DW STR3  
D941:79 D8 307 DW STR4 :138  
D943:A2 D8 308 DW FLALS61  
D945:AA D8 309 DW FLALS62  
D947:C1 D8 310 DW FLALS63  
D949:04 DA 311 DW OFF1  
D94B:04 DA 312 DW OFF1  
D94D:04 DA 313 DW OFF1  
D94F:04 DA 314 DW OFF1  
D951:04 DA 315 DW OFF1 :146  
D953:8D D8 316 DW K1  
D955:8D D8 317 DW K1  
D957:8D D8 318 DW K1  
D959:91 D8 319 DW K2  
D95B:91 D8 320 DW K2  
D95D:95 D8 321 DW K3  
D95F:8D D8 322 DW K1  
D961:91 D8 323 DW K2  
D963:33 00 324 DW 51 :155  
D965:34 00 325 DW 52  
D967:35 00 326 DW 53  
D969:36 00 327 DW 54  
D96B:3D 00 328 DW 61 :159  
D96D:3E 00 329 DW 62  
D96F:3F 00 330 DW 63  
D971:40 00 331 DW 64  
D973:0B 00 332 DW 11 :163  
D975:0C 00 333 DW 12  
D977:0D 00 334 DW 13  
D979:0E 00 335 DW 14  
D97B:15 00 336 DW 21  
D97D:16 00 337 DW 22  
D97F:17 00 338 DW 23  
D981:18 00 339 DW 24  
D983:1F 00 340 DW 31 :171  
D985:20 00 341 DW 32  
D987:21 00 342 DW 33  
D989:22 00 343 DW 34  
D98B:29 00 344 DW 41 :175  
D98D:2A 00 345 DW 42  
D98F:2B 00 346 DW 43  
D991:2C 00 347 DW 44  
D993:33 00 348 DW 51 :179  
D995:34 00 349 DW 52  
D997:35 00 350 DW 53  
D999:36 00 351 DW 54  
D99B:E2 BA 352 DW OFL11 :183  
D99D:CC B9 353 DW OFL12  
D99F:EA B9 354 DW OFL13  
D9A1:08 BA 355 DW OFL14  
D9A3:26 BA 356 DW OFL15  
D9A5:44 BA 357 DW OFL16  
D9A7:62 BA 358 DW OFL17  
D9A9:82 BA 359 DW OFL18  
D9AB:B2 BA 360 DW OFL19  
D9AD:B2 BA 361 DW OFL19

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D9AD:B2 BA 361 DW OFL19  
D9AF:82 BA 362 DW OFL18

D9B1:E2 BA 363 DW OFL11  
D9B3:CC B9 364 DW OFL12  
D9B5:62 BA 365 DW OFL17  
D9B7:44 BA 366 DW OFL16  
D9B9:26 BA 367 DW OFL15  
D9BB: 368 ;  
D9BB:32 OD 14 369 PHONEB1 DFB \$32,\$D,\$14  
D9BE:FE 24 00 370 DFB \$FE,\$24,00  
D9C1:00 371 DFB 0  
D9C2:3C OD 18 372 TBRUSH1 DFB \$3C,\$D,\$18  
D9C5:11 80 00 373 DFB \$11,\$80,0  
D9C8:A6 OD 12 374 TBR1 DFB \$A6,\$D,\$12,2,8  
D9CB:02 08  
D9CD:C8 D9 375 DW TBR1  
D9CF:06 00 0A 376 DFB \$6,0,\$A  
D9D2:08 10 02 377 TBR2 DFB 8,\$10,2,\$A  
D9D3:0A  
D9D6:D2 D9 378 DW TBR2  
D9D8:11 70 FF 379 DFB \$11,\$70,\$FF,6,0,0  
D9DB:06 00 00  
D9DE:19 OD 02 380 TBR3 DFB \$19,\$D,2,11  
D9E1:0B  
D9E2:DE D9 381 DW TBR3  
D9E4:11 53 F3 382 DFB \$11,\$53,\$F3  
D9E7:19 OD 19 383 TBR4 DFB \$19,\$D,\$19,\$2A,2,8  
D9EA:2A 02 08  
D9ED:E7 D9 384 DW TBR4  
D9EF:06 60 00 385 DFB 6,\$60,0,\$11,\$12,0  
D9F2:11 12 00  
D9F5:19 12 02 386 TBR5 DFB \$19,\$12,2,\$10  
D9F8:10  
D9F9:F5 D9 387 DW TBR5  
D9FB:19 28 02 388 TBR6 DFB \$19,\$28,2,\$10  
D9FE:10  
D9FF:FB D9 389 DW TBR6  
DA01:01 390 DFB 1  
DA02:C8 D9 391 DW TBR1  
DA04:00 00 392 OFF1 DW 00  
DA06:41 OD 1C 393 STANEH1 DFB \$41,\$D,\$1C,\$20,17  
DA09:20 11  
DA0B:03 B7 00 394 DFB 3,\$B7,\$00,\$12,2,\$10  
DA0E:12 02 10  
DA11:0C DA 395 DW STANEH1+6  
DA13:B7 2C 02 396 WATRLOP DFB \$B7,\$2C,2,1  
DA16:01  
DA17:13 DA 397 DW WATRLOP  
DA19:20 15 01 398 DFB \$20,\$21,1,\$12,1  
DA1C:12 01  
DA1E:13 DA 399 DW WATRLOP  
DA20:00 400 DFB 0  
DA21:41 11 38 401 STANEA DFB \$41,\$11,\$38,0,\$21  
DA24:00 21  
DA26:41 11 40 402 STANEB DFB \$41,\$11,\$40,0,\$21  
DA29:00 21  
DA2B:41 11 50 403 STANEC DFB \$41,\$11,\$50,0,\$21  
DA2E:00 21  
DA30:41 11 60 404 STANED DFB \$41,\$11,\$60,0,\$21  
DA33:00 21  
DA35:41 11 70 405 STANEE DFB \$41,\$11,\$70,0,\$21  
DA38:00 21  
DA3A:41 11 78 406 STANEF DFB \$41,\$11,\$78,\$FF,\$21  
DA3D:FF 21

DA3D:FF 21  
DA3F:4B OD 20 407 PHDOWN1 DFB \$4B,\$D,\$20

DA42:0E 06 D4 408 DFB \$E,6,\$D4,\$14,\$11,\$70

DA45:14 J1 70

DA48:FF 12 93 409 DFB \$FF,\$12,\$93,6,0

DA4B:06 00

DA4D:50 D7 24 410 PHONEB2 DFB \$50,\$D7,\$24,0

DA50:00

DA51:46 20 1B 411 FLALS51 DFB \$46,\$20,27,3

DA54:03

DA55:06 55 07 412 DFB \$6,\$55,7

DA58:09 00 02 413 FLALS3L1 DFB 9,0,2,4

DA5B:04

DA5C:58 DA 414 DW FLALS5L1

DA5E:00 415 DFB 0

DA5F:46 D1 00 416 FLALS5C1 DFB \$46,\$D1,0,\$21

DA62:21

DA63:46 A1 00 417 FLALS5C2 DFB \$46,\$A1,0,\$21

DA66:21

DA67:46 FA 00 418 FLALS5C3 DFB \$46,\$FA,0,\$21

DA6A:21

DA6B:46 CB 00 419 FLALS5C4 DFB \$46,\$CB,0,\$21

DA6E:21

DA6F:55 0E 2A 420 FLALS41 DFB \$55,\$E,\$2A

DA72:20 17 03 421 DFB \$20,23,3,0

DA75:00

DA76:5A 0E 2A 422 FLALS42 DFB \$5A,\$E,\$2A

DA79:96 0E 00 423 DFB \$96,\$E,0

DA7C:55 DF 0E 424 FLALS4C1 DFB \$55,\$DF,\$E,\$21

DA7F:21

DA80:55 AF 0E 425 FLALS4C2 DFB \$55,\$AF,\$E,\$21

DA83:21

DA84:55 AE 0E 426 FLALS4C3 DFB \$55,\$AE,\$E,\$21

DA87:21

DA88:55 CE 0E 427 FLALS4C4 DFB \$55,\$CE,\$E,\$21

DA8B:21

DA8C: 428 CHN R31TBL3

DA8C: 1 \$FILE R31TBL3

DA8C:50 2 PUKING DFB \$50

DA8D:0D 28 3 DFB \$D,\$28

DA8F:20 BC 07 4 DFB \$20,\$BC,7

DA92:20 C4 07 5 DFB \$20,\$C4,7

DA95:01 6 DFB 1

DA96:8F DA 7 DW PUKING+3

DA98:50 06 33 8 PUKER1 DFB \$50,6,\$33,2,\$21

DA9B:02 21

DA9D:50 06 55 9 PUKER2 DFB \$50,6,\$55,3,\$21

DAA0:03 21

DAA2:50 06 F0 10 PUKER3 DFB \$50,6,\$F0,7,\$21

DAA3:07 21

DAA7:55 06 77 11 PUKER4 DFB \$55,6,\$77,\$47,\$21

DAAA:47 21

DAAC:55 06 99 12 PUKER5 DFB \$55,6,\$99,\$33,\$21

DAAF:33 21

DAB1:55 06 EE 13 PUKER6 DFB \$55,6,\$EE,\$22,\$21

DAB4:22 21

DAB6:55 06 21 14 PUKER7 DFB \$55,6,\$21,\$44,\$21

DAB9:44 21

DABB:55 06 OF 15 PUKER8 DFB \$55,6,\$F,\$3F,\$21

DABE:3F 21

BAC0:55 10 1E 16 PUKER9 DFB \$55,\$10,\$1E,\$21

BAC3:21

BAC4:55 10 6 17 PUKER10 DFB \$55,\$10,\$16,\$21

BAC7:21

DACB:21  
DACB:55 10 18 18 PUKER11 DFB \$55,\$10,\$18,\$21

DACB:21

DACC:55 09 00 19 PUKER12 DFB \$55,\$9,0,2,\$30

DACF:02 1E

DAD1:CD DA 20 DW PUKER12+1

DAD3:21 21 DFB \$21

DAD4:55 08 00 22 PUKER13 DFB \$55,\$8,0,2,\$40

DAD7:02 28

DAD9:D5 DA 23 DW PUKER13+1

DADB:21 24 DFB \$21

DADC: 25 ;

DADC: 26 ;

DADC:55 09 00 27 PUKER14 DFB \$55,\$9,0,2,\$20

DADF:02 14

DAE1:DD DA 28 DW PUKER14+1

DAE3:21 29 DFB \$21

DAE4:64 08 00 30 PUKER15 DFB \$64,\$8,0,2,\$50

DAE7:02 32

DAE9:E5 DA 31 DW PUKER15+1

DAEB:21 32 DFB \$21

DAEC:5F 09 0C 33 PUKER16 DFB \$5F,\$9,\$C,2,\$10

DAEF:02 0A

DAF1:ED DA 34 DW PUKER16+1

DAF3:21 35 DFB \$21

DAF4:B4 0D 50 36 ONL1 DFB \$B4,\$D,\$50,\$20,103,7

DAF7:20 67 07

DAFA:26 37 DFB \$26

DAFB:00 38 DFB 0

DAFC:B4 B7 00 39 ONLS1 DFB \$B4,\$B7,0,2,\$30

DAFF:02 30

DB01:FD DA 40 DW ONLS1+1

DB03:21 41 DFB \$21

DB04:73 C4 0A 42 ONLS2 DFB \$73,\$C4,\$A,\$D4,\$C,\$C4,\$A

DB07:D4 0C C4

DB0A:0A

DB0B:D4 0C 94 43 DFB \$D4,\$C,\$94,\$C,\$94,\$C,\$C5,\$A,\$21

DB0E:0C 94 0C

DB11:C5 0A 21

DB14:5F C6 00 44 ONLS3 DFB \$5F,\$C6,0,7,8,2,2,5

DB17:07 03 02

DB1A:02 05

DB1C:18 DE 45 DW ONLS3+4

DB1E:13 61 21 46 DFB \$13,\$61,\$21

DB21:14 F2 00 47 ONLS3L1 DFB \$14,\$F2,0,2,\$10

DB24:02 10

DB26:21 DE 48 DW ONLS3L1

DB28:06 10 00 49 ONLS3L2 DFB 6,\$10,0,8,1,2,\$30

DB2B:08 01 02

DB2E:30

DB2F:28 DE 50 DW ONLS3L2

DB31:21 51 DFB \$21

DB32:0F C5 0C 52 ONLS4 DFB \$F,\$C5,\$C,\$6,\$FF,0,8

DB35:06 FF 00

DB38:08

DB39:0C 02 1A 53 DFB \$C,2,\$1A

DB3C:35 DE 54 DW ONLS4+3

DB3E:09 12 02 55 ONL4L1 DFB 9,\$12,2,\$1A

DB41:1A

DB42:3E DE 56 DW ONL4L1

DB44:10 0A 0C 57 DFB \$10,\$A,\$C,\$41,\$87,0,6,0,\$10

DB47:41 B7 00

DB4A:06 00 10

DB4D:08 00 02 58 ONL4L2 DFB 8,0,2,\$50

DB4D:08 00 02 58 ONL4L2 DFB \$,0,2,\$50

DB50:50

DB51:4D DB	59	DW	ONL4L2
DB53:21	60	DFB	\$21
DB54:32	61 ONLS5	DFB	\$32
DB55:E5 1A D5	62	DFB	\$E5,\$1A,\$D5,\$A,\$C5,\$A,\$94,\$A
DB58:0A C5 0A			
DB5B:94 0A			
DB5D:E4 0A DC	63	DFB	\$E4,\$A,\$DC,\$A,\$B4,\$E
DB60:0A B4 0E			
DB63:A4 0A C5	64	DFB	\$A4,\$A,\$C5,\$1A,\$B4,\$A,\$9C,\$A
DB66:1A B4 0A			
DB69:9C 0A			
DB6B:E4 0A D4	65	DFB	\$E4,\$A,\$D4,\$A,\$CC,\$A,\$A4,\$E
DB6E:0A CC 0A			
DB71:A4 0E			
DB73:E4 0A 94	66	DFB	\$E4,\$A,\$94,\$1A,\$C1,\$E,\$D1,\$E
DB76:1A C1 0E			
DB79:D1 0E			
DB7B:D9 0E 91	67	DFB	\$D9,\$E,\$91,\$E,\$21
DB7E:0E 21			
DB54:	68 ONLS6	EQU	ONLS5
DAFC:	69 ONLS8	EQU	ONLS1
DB80:32 C1 0E	70 ONLS7	DFB	\$32,\$C1,\$E,\$F9,\$E
DB83:F9 0E			
DB85:02 02	71	DFB	2,2
DB87:81 D8	72	DW	ONLS7+1
DB89:D9 0E A1	73 ONL7L1	DFB	\$D9,\$E,\$A1,\$E,2,2
DB8C:0E 02 02			
DB8F:89 DB	74	DW	ONL7L1
DB91:21	75	DFB	\$21
DB92:	76		END
DB92:	77		:

\*\*\* SUCCESSFUL ASSEMBLY: NO ERRORS



D1EA AMIDTON30	B5D3 BACKLOP	D3D3 BAKLOPR	D853 BR1
D857 BR2	D85B BR3	D85F BR4	D55B CDL1
D561 CDL2	B3C8 CLR1PI	B3DF CLR2SND140	B1EC CLRSNDRAM
B9B4 CN1	B9BA CN2	B9C0 CN3	B9C6 CN4
D537 COMMY	D8E1 CRET1	D3F1 CRET2	D8E9 CRLP
B666 DEADT2	B670 DEADT	D8B4 DG2L	D8C9 DG3L1
D39D DGSTEP1	D245 DODBA	D268 DOFBFRST	B46D DOFZB
B391 DOLH1	?B3EB DOPLF	D1D9 DOSP1D	?B217 DOSTART
B453 DOTHISR	B30F DOTUNE86	D414 DOVE	?B4EA DUNPLAY
B4EA DUNREG	?B4EA DUNRTN	D839 DXA1	B108 FBMAPOT
B0D2 FBMAPT30	B862 FLALS11L	B863 FLALS11L	B873 FLALS12L
BB79 FLALS13L	BB85 FLALS14L	BB8E FLALS15L	BB97 FLALS16L
BB48 FLALS21	BB4E FLALS22	BB12 FLALS31	DA6F FLALS41
DA76 FLALS42	DA7C FLALS4C1	DA80 FLALS4C2	DA84 FLALS4C3
DA88 FLALS4C4	DA51 FLALS51	DA5F FLALS5C1	DA63 FLALS5C2
DA67 FLALS5C3	DA6B FLALS5C4	DA58 FLALS5L1	D8A2 FLALS61
D8AA FLALS62	D8C1 FLALS63	BB1C FLL1	BB2F FLL2
BB36 FLL3	BB3F FLL4	B4E1 FORDAN	BOB7 GERRYSELDON
D552 GETPAGES	B1E1 GETUP	B46A GOSKIPITALL	B3D1 INC1PI
B3DA INC2PI	D0C9 INT3OT5	B3B2 JUMPEE	D88D K1
D891 K2	D895 K3	D899 K4	D8D9 KEYTY1
D87D LMSCRAPE1	D863 LMSNAIN1	D84B LMSTAIN1	D3ED LOOP23
D438 LOOPCNT2	D43B LOOPEND2	D449 LOOPGOON2	D441 LOOPST2
B285 LOOPTUNE	B4BF LOPTHISR	B35C LOPVSR	B172 MAP2FBOT
B08D MAPFB	B686 MAPFBOT	D2A1 NEGTUNALL	D239 NOBORRW
D1A3 NOCRY11	D1CA NOCRY13	B463 NOFB1	B461 NOFB2
B4B9 NOFZB	D252 NOHADD	D0A5 NOI2	D50B NOI24
D463 NOI27	D132 NOI4	D15F NOI7	D4A4 NOIA
B318 NOTLR7	B39A NOSND040S	B42B NOSND40GR	B3D0 NOSND40S
D216 NOTON30S	D343 NOTEMPL	D337 NOTEMPX	D006 NOTI1
B3FC NOTLFOT	B397 NOTLH	?B31C NOTNOICLR	B37C NOTONE3B
D2FA NOTONE3	B5E0 NOTRET	D046 NOT30	B59A NOZITYET
DA04 OFF1	B61D OFFD000	BAE2 OFL11	BAEA OFL11A
BAF5 OFL11B	B9CC OFL12	B9D6 OFL12A	B9EA OFL13
B9F4 OFL13A	BA08 OFL14	BA12 OFL14A	BA30 OFL15A
BA26 OFL15	BA4E OFL16A	BA44 OFL16	BA62 OFL17
BA6E OFL17A	BA82 OFL18	BA8C OFL18A	BA95 OFL18B
BAC5 OFL19B	BA82 OFL19	BABC OFL19A	BAFC OFL21
BB02 OFL21A	BB08 OFL21B	B9E3 OFL22A	B9DD OFL22
B9FB OFL23	BA01 OFL23A	BA1F OFL24A	BA19 OFL24
BA3D OFL25A	BA37 OFL25	BA35 OFL26	BA5B OFL26A
BA7B OFL27A	BA75 OFL27	BAA2 OFL28A	BAB8 OFL28B
BA9C OFL28	BACC OFL29	BAD2 OFL29A	BADB OFL29B
B3F6 OFPLF	B407 OFPRF	D0D0 OKSTUNE	D36A OKFBISO
D3B0 OKIJ20	D05B OKNOTZ	B384 OKSND40I	?B372 OKSND50I
D1F7 OKSPUD	D066 OKT4TEMP	D4EE OKTBXD	B231 OKTESTT
B23C OKTESTT2	B4FB OKTIME3	B50F OKTIME3	B533 OKTUN0133
D213 ONETON30	B4B1 ONFZB	DAF4 ONL1	DB3E ONL4L1
DB4D ONL4L2	DB89 ONL7L1	DAFC ONLS1	DB04 ONLS2
DB21 ONLS3L1	DB14 ONLS3	DB28 ONLS3L2	DB32 ONLS4
DB54 ONLS5	DB34 ONLS6	DB80 ONLS7	DAFC ONLS8
? C3 ORGSTN3	52 ORGT5	D082 OUTLOKT	D3FD OUTLOOP23
D346 OUTLOPT2	D15F OUTSP2	D344 OUTTUNE	D083 OUTTUNE87
DA3F PHDOWN1	D9BB PHONEB1	DA4D PHONEB2	DAC4 PUKER10
DACC PUKER12	DAD4 PUKER13	DADC PUKER14	DE4 PUKER15
DAEC PUKER16	DA98 PUKER1	DAC8 PUKER11	DA9D PUKER2
DA42 PUKER3	DA47 PUKER4	DAAC PUKER5	DAB1 PUKER6
DAB6 PUKER7	DABB PUKER8	DACO PUKER9	DABC PUKING
B0D1 RATTIME	BB56 RECSTART	D883 RNKITCH1	?B4B9 ROUNDENR
?B4BB ROUNDNR	B507 RTM5	B14A SAVIROT	D38A SAVJSR20
?B14C SAVNOR	D3E5 SETMAP2FBOT	D0E5 SETTROGS	D575 SEVE
?B46D SKIPEMR	B4E1 SKIPITALL	B015 SND401	B016 SND402

B44B SKIPEMR	B45E SKIPTALL	B015 SND403	B016 SND403
B013 SND403	B014 SND404	B3B8 SND403UB	B012 SNDRAM1
B172 SNDRAM2	B204 SNDRAMISVR	B1F8 SNDRAMNVR	B017 SNDRAND
B9A3 SP1	B7AB SP2	DA21 STANEA	DA26 STANEB
DA2B STANEC	DA30 STANED	DA35 STANEE	DA3A STANEF
DA06 STANEH1	B74B STBCN	D8F5 STBN1	B7E3 STBN2
B8C3 STBN3	D86D STR1	D871 STR2	D875 STR3
D879 STR4	D205 STRTTON30	D831 SUBPAGE	D538 SUBPC
BOC4 TON30	D223 TON30NZ	D25E T3001FB	D2BB T3001PD
D1D3 T3001SD	D1D7 T3001S1	D466 T30FRAME	B47F T30SETSTR
D472 T30TON30	B2FD T30T16	D700 T30T1	B247 T30T11
B24D T30T12	B2F4 T30T15	B306 T30T17	B49F T30T1A
D0FB T30T2	D0D7 T30T	B25A T30T13	B260 T30T14
B48D T30T18	B496 T30T19	B32D T30T1B	B339 T30T1C
B419 T30T1D	B342 T30T1E	B40D T30T1F	D388 T30T20
D3C3 T30T21	D429 T30T22	D3E0 T30T23	D4F8 T30T24
D516 T30T25	B422 T30T26	B4AB T30T27	D0BF T30T3
D113 T30T4	D0C7 T30T5	D485 T30TA	D4AF T30TB
D4CC T30TC	D4D6 T30TD	D4E6 T30TE	D4F1 T30TF
D46C T30TM	D580 T30	D824 T3MAB1	D82A T3MAB2
B1D3 T3TEMP	B14E T3TM4	B34B T3TMGO	D2D8 T4TUNEB6
D9C8 TBR1	D9D2 TBR2	D9DE TBR3	D9E7 TBR4
D9F5 TBR5	D9FB TBR6	D9C2 TBRUSH1	D22B TEMPLTUNE
?B0C3 TESTONE003	B1D2 TIME3	B017 TIME5	B0D0 TIMER
B26B TMT334	B025 TONE003	B56C TONE1B	B575 TONE2B
B031 TONE301	B70B TONE30	?B046 TONE3012	B526 TONE3B
B542 TONE45	B580 TONE4B	B539 TONE55	B57D TONE5B
B592 TONE6B	B612 TONE7B	B3F6 TONE8B	D000 TONE9B
B60B TONEB1	D527 TONEB2BX	D525 TONEB2B	D08F TONEB3
D115 TONEB4	D48F TONEB7	D487 TONEB8	B54F TONEB
D548 TONEB6	?D4E8 TONEB9	D360 TONEBB	D043 TONOTT30
D842 TOWN1	1F TTEMP	B21A TTUN3SD	D162 TTUN3TUNALL
D1AA TTUN3TUNANY	B018 TUN0133	B59C TUN015	B069 TUN0301
B019 TUN03011	B075 TUN03012	35 TUN032	B4EB TUN041
B266 TUN042	B253 TUN043	B266 TUN044	B253 TUN045
B05B TUN051	B13E TUN30124	B132 TUN301R	B081 TUN301
B0FC TUN3012	B626 TUN31	B15A TUN431	B166 TUN432
B012 TUNE003	29 TUNE32	? 2B TUNE322	? 2D TUNE323
B05B TUNE51	B36F TUNE51XT	?B372 TUNE61XT	B36F TUNEB11
B320 TUNEB6	D154 TUNEB7CNT	D10D TUNEB7END	D145 TUNEB7GOON
D076 TUNEB7OKT	D13D TUNEB7ST	D022 TUNEB8	D024 TUNEB8
D041 TUNEDB	D764 TUNFB03	?D764 TUNFB13	?B36F TUNXBN
?B6D6 VTBL	DA13 WATRCLOF		

1F TTEMP	29 TUNE32	? 2B TUNE322	? 2D TUNE323
B012 TUNE003	B013 SND403	B014 SND404	B015 SND401
B016 SND402	B017 TIME5	B017 SNDRAND	B018 TUN0133
B019 TUN03011	B025 TONE003	B031 TONE301	?B046 TONE3012
B058 TUN051	B058 TUNE51	B069 TUN0301	B075 TUN03012
B081 TUN301	B08D MAPFB	B0B7 GERRYSELDON	?B0C3 TESTONE003
B0C4 TON30	B0D0 TIMER	B0D1 RATTIME	B0D2 FBMAPT30
B0FC TUN3012	B108 FBMAPOT	B132 TUN301R	B13E TUN30124
B14A SAVIROT	?B14C SAVMON	B14E T3TM4	B15A TUN431
B166 TUN432	B172 SNDRAM2	B172 MAP2FBOT	B1D2 TIMES
B1D3 T3TEMP	B1E1 GETUP	B1EC CLRSNDRAM	B1F8 SNDRAMNVR
B204 SNDRAMISVR	?B217 DOSTART	B21A TTUN3SD	B231 OKTESTT
B23C OKTESTT2	B247 T30T11	B24D T30T12	B253 TUN043
B253 TUN043	B25A T30T13	B260 T30T14	B266 TUN042
B266 TUN044	B268 TMT334	B285 LOOPTUNE	B2D8 T4TUNE86
B2F4 T30T15	B2FD T30T16	B306 T30T17	B30F DOTUNE86
B318 NOILR7	?B31C NOTNOICLR	B320 TUNE86	B32D T30T18
B339 T30T1C	B342 T30T1E	B34B T3TMG0	B35C LOPVSR
B36F TUNE51X1	B36F TUNE811	?B36F TUNXB0	?B372 TUNE61X1T
?B372 OKSND50I	B37C NOTONE3B	B384 OKSND40I	?B391 DOLH1
B397 NOTLH	B39A NOPSND040S	B382 JUMPEE	B3B8 SND40SUB
B3C8 CLRIPI	B3D0 NOSND040S	B3D1 INC1PI	B3DA INC2PJ
B3DF CLR2SND140	?B3EB DOPLF	B3F6 OFPLF	B3FC NOTLFOT
B407 OFPRF	B40D T30T1F	B419 T30T1D	B422 T30T26
B423 NOSND40GR	B453 DOTHISR	B461 NOFB2	B463 NOFB1
B46A GOSKIPITALL	B46D DOFZB	?B46D SKIPEMR	B48D T30T18
B496 T30T19	B49F T30T1A	B4AB T30T27	B4B1 ONFZB
?B4B9 ROUNDEMR	B4B9 NOFZB	?B4BB ROUNDR	B4BF LOPTHISR
B4E1 SKIPITALL	B4E1 FORDAN	?B4EA DUNRTN	?B4EA DUNPLAY
B4EA DUNREG	B4EB TUN041	B4FB OKTIME3	B507 RTM5
B50F OKTIME3	B526 TONE3B	B533 OKTUN0133	B539 TONE55
B542 TONE45	B54F TONEB	B56C TONE1B	B575 TONE2B
B57D TONE5B	B580 TONE4B	B592 TONE6B	B59A NOZITYET
B59C TUN015	B5D3 BACKLOP	B5E0 NOTRET	B5F6 TONE8B
B60B TONEB1	B612 TONE7B	B61D OFFD000	B626 TUN31
B666 DEADT2	B670 DEADT	B686 MAPFBOT	?B6D6 VTBL
B70B TONE30	B74B STBCN	B7E3 STBN2	B8C3 STBN3
B9A3 SP1	B9AB SP2	B9BA CN1	B9BA CN2
B9C0 CN3	B9C6 CN4	B9CC OFL12	B9D6 OFL12A
B9DD OFL22	B9E3 OFL22A	B9EA OFL13	B9F4 OFL13A
B9FB OFL23	BA01 OFL23A	BA08 OFL14	BA12 OFL14A
BA19 OFL24	BA1F OFL24A	BA26 OFL15	BA30 OFL15A
BA37 OFL25	BA3D OFL25A	BA44 OFL16	BA4E OFL16A
BA55 OFL26	BA5B OFL26A	BA62 OFL17	BA6E OFL17A
BA75 OFL27	BA7B OFL27A	BA82 OFL18	BA8C OFL18A
BA95 OFL18B	BA9C OFL28	BAA2 OFL28A	BAAB OFL28B
BAB2 OFL19	BABC OFL19A	BAC5 OFL19B	BACC OFL29
BAD2 OFL29A	BADB OFL29B	BAE2 OFL11	BAEA OFL11A
BAF5 OFL11B	BAFC OFL21	BB02 OFL21A	BB0B OFL21B
BB12 FLALS31	BB1C FLL1	BB2F FLL2	BB36 FLL3
BB3F FLL4	BB48 FLALS21	BB4E FLALS22	BB56 RECGSTART
BB62 FLALS11	BB65 FLALS11L	BB73 FLALS12L	BB79 FLALS13L
BB85 FLALS14L	BB8E FLALS15L	BB97 FLALS16L	D000 TONE98
D006 NOTI1	D022 TUNEBA	D024 TUNECB	D041 TUNEDB
D043 TONOTT30	D046 NOTT30	D05B OKNOT2	D066 OKT4TEMP
D076 TUNEB7DKT	D082 OUTLOKT	D085 OUTTUNEB7	D08F TONEB3
D0A5 NOI2	D0BF T30T3	D0C7 T30T5	D0C9 INT30T5
D0D0 OKSTUNE	D0D7 T30T	D0E5 SETTREGS	D0FB T30T2
D10D TUNEB7END	D113 T30T4	D115 TONEB4	D132 NO14
D13D TUNEB7ST	D145 TUNEB7G00N	D154 TUNEB7CNT	D15F NO17
D15F OUTSP2	D162 TTUN3TUNALL	D1A3 NOCRY11	D1AA TTUN3TUNANY



D15F DUTSP2	D16Z T10NTUNALL	D1A3 MUCKY11	D1A4 T10NTUNALL
D1CA NOCRY13	D1D3 T3001SD	D1D7 T3001SI	D1D9 D0SPID
D1EA AMIDTON30	D1F7 OKSPUD	D205 STRITTON30	D213 ONETON30
D216 NOTON30S	D223 TON30NZ	D22B TEMPLTUNE	D239 NOBORRW
D245 D0DBA	D252 NOHADD	D25E T3001FB	D268 D0FBFRST
D2A1 NEGTONALL	D2BB T3001PD	D2FA NOTONE3	D337 NOTEMPX
D343 NOTEMPL	D344 OUTTUNE	D346 OUTLOFT2	D360 TONEBB
D36A OKFBISO	D388 T30T20	D38A SAVJSR20	D380 OKIJ20
D3C3 T30T21	D3D3 BAKLOPR	D3E0 T30T23	D3E5 SETMAP2FB0T
D3ED LOOP23	D3FD OUTLOP23	D414 D0VE	D429 T30T22
D43B LOOPEND2	D441 LOOPTST2	D449 LOOPGOON2	D458 LOOPCNT2
D463 NOI27	D466 T30FRAME	D46C T30TM	D472 T30TON30
D47F T30SET5IR	D483 NOI24	D487 TONEB3	D4A4 NOIA
D4AF T30TB	D4BF TONEB7	D4CC T30TC	D4D6 T30TD
D4E6 T30TE	D4EB TONEB9	D4EE OKTBXD	D4F1 T30TF
D4F8 T30T24	D50B NOI24	D516 T30T25	D525 TONEB2B
D527 TONER2BX	D537 COMMY	D538 SUBPC	D543 TONEB6
D552 GETPAGES	D55B CDL1	D561 CDL2	D575 SEVE
D580 T30	D700 T30T1	D764 TUNFB03	D764 TUNFB13
D824 T3MAB1	D82A T3MAB2	D831 SUBPAGE	D839 DXA1
D842 TOWN1	D84B LMSTAIN1	D853 BR1	D857 BR2
D85B BR3	D85F BR4	D863 LMSNAIN1	D86D STR1
D871 STR2	D875 STR3	D879 STR4	D87D LMSCRAPE1
D885 RMKITCH1	D88D K1	D891 K2	D895 K3
D899 K4	D89D D0STEP1	D8A2 FLALS61	D8AA FLALS62
D8B4 DG2L	D8C1 FLALS63	D8C9 DG3L1	D8D9 KEYTY1
D8E1 CRET1	D8E9 CRLP	D8F1 CRET2	D8F5 STBN1
D9BB PHONEB1	D9C2 TBRUSH1	D9C8 TBR1	D9D2 TBR2
D9DE TBR3	D9E7 TBR4	D9F5 TBR5	D9F8 TBR6
DA74 OFF1	DA06 STANEH1	DA13 WATRL0P	DA21 STANEA
DA26 STANEB	DA2B STANEC	DA30 STANED	DA35 STANEE
DA3A STANEF	DA3F PHDOWN1	DA4D PHONEB2	DA51 FLALS51
DA58 FLALS5L1	DA5F FLALS5C1	DA63 FLALS5C2	DA67 FLALS5C3
DA6B FLALS5C4	DA6F FLALS41	DA76 FLALS42	DA7C FLALS4C1
DA80 FLALS4C2	DA84 FLALS4C3	DA88 FLALS4C4	DA8C PUKING
DA98 PUKER1	DA9D PUKER2	DAA2 PUKER3	DAA7 PUKER4
DAA6 PUKER5	DAB1 PUKER6	DAB6 PUKER7	DAB8 PUKER8
DAC0 PUKER9	DAC4 PUKER10	DAC8 PUKER11	DACC PUKER12
DAD4 PUKER13	DADC PUKER14	DAE4 PUKER15	DAEC PUKER16
DAF4 ONL1	DAFC ONLS1	DAFC ONLS6	DB04 ONLS2
DB14 ONLS3	DB21 ONLS3L1	DB28 ONLS3L2	DB32 ONLS4
DB3E ONL4L1	DB4D ONL4L2	DB54 ONLS5	DB54 ONLS6
DB80 ONLS7	DB89 ONL7L1		