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000E      00010 ; SYSTEM CALL EQUATES
0062      00020 ACTINT EQU 0EH ;ACTIVATE INTERRUPTS
0012      00030 BCDADD EQU 62H ;BCD ADD ROUTINE
0032      00040 BMUSIC EQU 12H ;START MUSIC PROCESSOR
0018      00050 CHRDIS EQU 32H ;DISPLAY A CHARACTER
0036      00060 COLSET EQU 18H ;COLOR SET
0010      00070 DISNUM EQU 36H ;DISPLAY NUMBERS
0014      00080 DECCTS EQU 10H ;DECREMENT COUNTERS
0002      00090 EMUSIC EQU 14H ;STOP MUSIC
004C      00100 EXIT EQU 02H ;END OF MULTIPLE CALLS
005A      00110 GETPAR EQU 4CH ;GET PARAMETER
0000      00120 INDEXW EQU 5AH ;TABLE MANAGER
007E      00130 INTPC EQU 00H ;START MULTIPLE CALLS
0074      00140 MSKTD EQU 7EH ;JOYSTICK DELTA MASKING
0078      00150 NEG7 EQU 74H ;BCD TO DECIMAL CONVERT
0076      00160 QUIT EQU 78H ;GAME OVER ROUTINE
0004      00170 RANGED EQU 76H ;RANDOM NUMBER GENERATOR
001C      00180 RCALL EQU 4 ;SUBROUTINE CALL
0016      00190 RECTAN EQU 1CH ;RECTANGLE WRITE
00C8      00200 SETOUT EQU 16H ;SETS SCREEN PARMS
0034      00210 STIMER EQU 0C8H ;START TIMER PROCESSOR
003E      00220 STRDIS EQU 34H ;STRING DISPLAY
001E      00230 VECT EQU 3EH ;VECTORIZING ROUTINE
0022      00240 VWRITR EQU 1EH ;VECTOR WRITE
0020      00250 WRITP EQU 22H ;PATTERN WRITE
0020      00260 WRITR EQU 20H ;RELATIVE WRITE

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00270 ; RAM STORAGE EQUATES

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4E88      00280 VECT1 DEFL 4E88H
4E9A      00290 VECT2 DEFL 4E9AH
4EAC      00300 VECT3 DEFL 4EACH
4EBE      00310 VECT4 DEFL 4EBEH
4ED0      00320 VECT5 DEFL 4ED0H
4EE2      00330 VECT6 DEFL 4EE2H
4F54      00340 GSTACK DEFL 4F54H
4F55      00350 CONVRT DEFL 4F55H
4F56      00360 SCROLL DEFL 4F56H
4F58      00370 MUZRET DEFL 4F58H ;MUSIC RAM BLOCK
4F5E      00380 INSTAT DEFL 4F5EH
4F78      00390 SAVEBC DEFL 4F78H
4F77      00400 TCOUNT DEFL 4F77H
4F76      00410 CMF DEFL 4F76H
4F75      00420 OCTANI DEFL 4F75H
4F73      00430 OCT2 DEFL 4F73H
4F5F      00440 BONTOT DEFL 4F5FH
4F6B      00450 OCT3 DEFL 4F6BH
4F62      00460 LEVSCO DEFL 4F62H
4F65      00470 IYSAVE DEFL 4F65H
4F67      00480 ANISPD DEFL 4F67H
4F68      00490 DXSTAT DEFL 4F68H
4F69      00500 TIMER DEFL 4F69H
4F6A      00510 DXCONT DEFL 4F6AH
4F71      00520 OCTPAT DEFL 4F71H
4F6D      00530 SUBV1 DEFL 4F6DH
4F6F      00540 SUBV2 DEFL 4F6FH
4FFC      00550 DINDEX DEFL 4FFCH
4F82      00560 ANIMAT DEFL 4F82H
4FF5      00570 CPP DEFL 4FF5H
4FF6      00580 PIN DEFL 4FF6H
4F85      00590 DELTA DEFL 4F85H
4F87      00600 DIVER DEFL 4F87H
4F83      00610 VECLIM DEFL 4F83H

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4FA3	00620	VBMR	DEFL	4FA3H	
4FA4	00630	VBSTAT	DEFL	VBMR+1	
4FA5	00640	VBTIMB	DEFL	VBMR+2	
4FA6	00650	VBDXL	DEFL	VBMR+3	
4FA7	00660	VBDXH	DEFL	VBMR+4	
4FA8	00670	VBXL	DEFL	VBMR+5	
4FA9	00680	VBXH	DEFL	VBMR+6	
4FAA	00690	VBXCK	DEFL	VBMR+7	
4FAB	00700	VBDYL	DEFL	VBMR+8	
4FAC	00710	VBDYH	DEFL	VBMR+9	
4FAD	00720	VBYL	DEFL	VBMR+10	
4FAE	00730	VBYH	DEFL	VBMR+11	
4FAF	00740	VBYCK	DEFL	VBMR+12	
4F89	00750	BOMAG	DEFL	4F89H	
4F8A	00760	BOSTAT	DEFL	BOMAG+1	
4F8B	00770	BOTIME	DEFL	BOMAG+2	
4F8C	00780	BODXL	DEFL	BOMAG+3	
4F8D	00790	BODXH	DEFL	BOMAG+4	
4F8E	00800	BOXL	DEFL	BOMAG+5	
4F8F	00810	BOXH	DEFL	BOMAG+6	
4F90	00820	BOXCK	DEFL	BOMAG+7	
4F91	00830	BODYL	DEFL	BOMAG+8	
4F92	00840	BODYH	DEFL	BOMAG+9	
4F93	00850	BOYL	DEFL	BOMAG+10	
4F94	00860	BOYH	DEFL	BOMAG+11	
4F95	00870	BOYCK	DEFL	BOMAG+12	
4F96	00880	OMAG	DEFL	4F96H	
4F97	00890	OSTAT	DEFL	OMAG+1	
4F98	00900	OTIME	DEFL	OMAG+2	
4F99	00910	ODXL	DEFL	OMAG+3	
4F9C	00920	OXH	DEFL	OMAG+6	
4F9D	00930	OXCK	DEFL	OMAG+7	
4F9E	00940	ODYL	DEFL	OMAG+8	
4FA1	00950	OYH	DEFL	OMAG+11	
4FA2	00960	OYCK	DEFL	OMAG+12	
4FBA	00970	PBLOCK	DEFL	4FBAH	
4F7A	00980	TTAB	DEFL	4F7AH	; 4 TEMP. WORD ENTRIES
4FB8	00990	MSTACK	DEFL	4FB8H	
4FF3	01000	NUMPLA	DEFL	4FF3H	
4FF4	01010	NUMDIV	DEFL	4FF4H	
2C54	01020	MSCORE	DEFL	2C54H	; WHERE THE MUSIC IS
4FFD	01030	VECTOR	DEFL	4FFDH	
4FF4	01040	SWAP	DEFL	4FF4H	
4FFB	01050	COUNT	DEFL	4FFBH	
	01060	; OTHER EQUATES (BYTE VALUES)			
4FBA	01070	PLAY1	EQU	4FBAH	
4FBF	01080	PLAY2	EQU	4FBFH	
4FC4	01090	PLAY3	EQU	4FC4H	
4FC9	01100	PLAY4	EQU	4FC9H	
00FC	01110	VOICES	EQU	00FCH	; 3 VOICE = 11111100B
000A	01120	DMAX	EQU	10	
0001	01130	DCOUNT	EQU	1	
0074	01140	SNDCLR	EQU	116	
00CC	01150	GREEN	EQU	204	
00F8	01160	BLUE	EQU	248	
0000	01170	BLACK	EQU	0	
000A	01180	OYSPD	EQU	10	; THIS VARIES OCT Y SPEED
0045	01190	BDELT	EQU	0045H	
0F13	01200	CLEAN	DEFL	0F13H	; CLEAR TO END OF VECTOR AREA
0015	01210	FLOAT	DEFL	0015H	; ANTI-GRAV FACTOR
3B00	01220	DEADPT	DEFL	3B00H	; DEAD DIVER PAT
3AB6	01230	OCTP3	DEFL	3AB6H	
3280	01240	SCORE	DEFL	3280H	
3F31	01250	HOMER	DEFL	3F31H	; OR 3F81H
3F76	01260	MDEAD	DEFL	3F76H	; OR 3F6EH
3F89	01270	DING	DEFL	3F89H	; OR 3FA1H

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2000          01280          ORG          2000H          ;START OF CRIDGE
2000 C30320      01290          JP          2003H          ;AUTO START
2003 210040      01300          LD          HL,4000H
2006 110140      01310          LD          DE,4001H
2009 01FF0F      01320          LD          BC,0FFFH
200C 75          01330          LD          (HL),L
200D EDB0        01340          LDIR
200F ED5E        01350          IM          2
2011 31544F      01360          LD          SP,6STACK
2014 FF          01370          RST          38H
2015 00          01380          DEFB          INTPC          ;START MULT SUBRTINES
2016 19          01390          DEFB          COLSET+1
2017 AD29        01400          DEFW          ZERO          ;SET SCREEN TO BLACK
2019 17          01410          DEFB          SETOUT+1
201A BE          01420          DEFB          190
201B 1A          01430          DEFB          26
201C 00          01440          DEFB          0
201D 1D          01450          DEFB          RECTAN+1
201E 00          01460          DEFB          0
201F 57          01470          DEFB          87
2020 A0          01480          DEFB          160
2021 08          01490          DEFB          8
2022 55          01500          DEFB          55H
2023 35          01510          DEFB          STRDIS+1
2024 26          01520          DEFB          38
2025 01          01530          DEFB          1
2026 4C          01540          DEFB          4CH
2027 BF2A        01550          DEFW          TREAS
2029 35          01560          DEFB          STRDIS+1
202A 5C          01570          DEFB          92
202B 10          01580          DEFB          16
202C 4C          01590          DEFB          4CH
202D 982A        01600          DEFW          COVE
202F 13          01610          DEFB          BMUSIC+1
2030 B84F        01620          DEFW          MSTACK
2032 FC          01630          DEFB          VOICES
2033 542C        01640          DEFW          MSCORE
2035 02          01650          DEFB          EXIT          ;END MULT CALLS
2036 3EFF        01660          LD          A,0FFH
2038 32EC4F      01670          LD          (4FECH),A
203B 016C2B      01680          LD          BC,PATTAB          ;TABLE OF PATTERS
203E CDCB27      01690          CALL          NXPAT
2041 116E28      01700          LD          DE,286EH
2044 210030      01710          LD          HL,3000H          ;FIRST DIVER PAT
2047 22874F      01720          LD          (DIVER),HL
204A 3E0A        01730          LD          A,10
204C 32674F      01740          LD          (ANISPD),A
204F CD0426      01750          CALL          STADIV          ;START THE DIVER
2052 FF          01760          RST          38H
2053 19          01770          DEFB          COLSET+1
2054 CD29        01780          DEFW          TITCOL
2056 212000      01790          LD          HL,0020H          ;SET UP DIVER VECTOR
2059 22854F      01800          LD          (DELTA),HL
205C 3E09        01810          LD          A,9
205E 32F64F      01820          LD          (PIN),A
2061 212A2B      01830          LD          HL,TITLIM
2064 22834F      01840          LD          (VECLIM),HL
2067 3EAA        01850          LD          A,170          ;INTERRUPT LINE NUMBER
2069 D30F        01860          OUT          (15),A
206B 3E03        01870          LD          A,3
206D 32564F      01880          LD          (SCROLL),A
2070 21342B      01890          LD          HL,TITIES
2073 22F44F      01900          LD          (SWAP),HL
2076 3E08        01910          LD          A,8
2078 D30E        01920          OUT          (0EH),A
207A 218220      01930          LD          HL,TIT1

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207D	CD6228		CALL	INTSET	
2080	18FE	01950	DO	DO	
2082	3A564F	01960	TIT1	LD	A, (SCROLL)
2085	C608	01970		ADD	A, 8
2087	32564F	01980		LD	(SCROLL), A
208A	0639	01990		LD	B, 57
208C	C608	02000	CYCLE	ADD	A, 8
208E	D303	02010		OUT	(3), A
2090	D307	02020		OUT	(7), A
2092	D303	02030		OUT	(3), A
2094	D307	02040		OUT	(7), A
2096	D303	02050		OUT	(3), A
2098	D307	02060		OUT	(7), A
209A	D303	02070		OUT	(3), A
209C	D307	02080		OUT	(7), A
209E	10EC	02090		DJNZ	CYCLE
20A0	3E00	02100		LD	A, BLACK
20A2	D303	02110		OUT	(3), A
20A4	D307	02120		OUT	(7), A
20A6	CD0002	02130		CALL	200H
20A9	3AAA4F	02140		LD	A, (VBXCK)
20AC	CB5F	02150		BIT	3, A
20AE	281B	02160		JR	Z, YCHEK
20B0	3E01	02170		LD	A, 1
20B2	32AA4F	02180		LD	(VBXCK), A
20B5	3AF64F	02190		LD	A, (PIN)
20B8	EE0C	02200		XOR	12
20BA	32F64F	02210		LD	(PIN), A
20BD	2AF44F	02220		LD	HL, (SWAP)
20C0	ED5B834F	02230		LD	DE, (VECLIM)
20C4	ED53F44F	02240		LD	(SWAP), DE
20C8	22834F	02250		LD	(VECLIM), HL
20CB	3AAF4F	02260	YCHEK	LD	A, (VBYCK)
20CE	CB5F	02270		BIT	3, A
20D0	280D	02280		JR	Z, SET2
20D2	3E01	02290		LD	A, 1
20D4	32AF4F	02300		LD	(VBYCK), A
20D7	3AF64F	02310		LD	A, (PIN)
20DA	EE03	02320		XOR	3
20DC	32F64F	02330		LD	(PIN), A
20DF	21EB20	02340	SET2	LD	HL, TIT2
20E2	22FD4F	02350		LD	(VECTOR), HL
20E5	3E50	02360		LD	A, 80
20E7	D30F	02370		OUT	(15), A
20E9	FB	02380		EI	
20EA	C9	02390		RET	
20EB	CD8E26	02400	TIT2	CALL	DVRRTN
20EE	21FA20	02410		LD	HL, TIT3
20F1	22FD4F	02420		LD	(VECTOR), HL
20F4	3EBA	02430		LD	A, 186
20F6	D30F	02440		OUT	(15), A
20F8	FB	02450		EI	
20F9	C9	02460		RET	
20FA	3E74	02470	TIT3	LD	A, SNDCLR
20FC	D300	02480		OUT	(0), A
20FE	D304	02490		OUT	(4), A
2100	CD8D29	02500		CALL	MUSIC
2103	DB10	02510		IN	A, (10H)
2105	A7	02520		AND	A
2106	2035	02530		JR	NZ, GSTART
2108	DB14	02540		IN	A, (14H)
210A	A7	02550		AND	A
210B	2030	02560		JR	NZ, GSTART
210D	DB15	02570		IN	A, (15H)
210F	A7	02580		AND	A
2110	202B	02590		JR	NZ, GSTART

2112	DB16	02600	IN	A, (16H)
2114	FE03	02610	CP	3
2116	FA1C21	02620	JP	M, W1
2119	A7	02630	AND	A
211A	2021	02640	JR	NZ, GSTART
211C	DB17	02650	IN	A, (17H)
211E	FE03	02660	CP	3
2120	FA2621	02670	JP	M, W2
2123	A7	02680	AND	A
2124	2017	02690	JR	NZ, GSTART
2126	218220	02700	LD	HL, TIT1
2129	22FD4F	02710	LD	(VECTOR), HL
212C	3E00	02720	LD	A, 0
212E	D30F	02730	OUT	(15), A
2130	06FF	02740	LD	B, 255
2132	00	02750	WAITER NOP	
2133	10FD	02760	DJNZ	WAITER
2135	3ECC	02770	LD	A, GREEN
2137	D300	02780	OUT	(0), A
2139	D304	02790	OUT	(4), A
213B	FB	02800	EI	
213C	C9	02810	RET	
213D	CDE327	02820	GSTART CALL	ERASE
2140	FF	02830	RST	38H
2141	19	02840	DEFB	COLSET+1
2142	D529	02850	DEFW	PSCOL
2144	FF	02860	RST	38H
2145	17	02870	DEFB	SETOUT+1
2146	B7	02880	DEFB	183
2147	29	02890	DEFB	41
2148	08	02900	DEFB	8
2149	3EFF	02910	LD	A, 0FFH
214B	32EC4F	02920	LD	(4FECH), A
214E	FF	02930	RST	38H
214F	0E	02940	DEFB	ACTINT
2150	119D2A	02950	LD	DE, LOG0
2153	FF	02960	NOGOOD RST	38H
2154	4D	02970	DEFB	GETPAR+1
2155	E92A	02980	DEFW	PROMPT
2157	01	02990	DEFB	1
2158	F34F	03000	DEFW	NUMPLA
215A	3AF34F	03010	LD	A, (NUMPLA)
215D	A7	03020	AND	A
215E	28F3	03030	JR	Z, NOGOOD
2160	FE05	03040	CP	5
2162	F25321	03050	JP	P, NOGOOD
2165	11C32A	03060	LD	DE, LOG02
2168	FF	03070	RST	38H
2169	4D	03080	DEFB	GETPAR+1
216A	FF2A	03090	DEFW	DPRMPT
216C	01	03100	DEFB	1
216D	F44F	03110	DEFW	NUMDIV
216F	3AF44F	03120	LD	A, (NUMDIV)
2172	A7	03130	AND	A
2173	2001	03140	JR	NZ, OK
2175	3C	03150	INC	A
2176	32F44F	03160	OK LD	(NUMDIV), A
2179	CDE327	03170	CALL	ERASE
217C	3EBA	03180	LD	A, 186
217E	D30A	03190	OUT	(10), A
2180	3EEC	03200	LD	A, 0ECH
2182	D309	03210	OUT	(9), A
2184	110400	03220	LD	DE, 0004H
2187	3AF34F	03230	LD	A, (NUMPLA)
218A	47	03240	LD	B, A
218B	3AF44F	03250	LD	A, (NUMDIV)

LD A, 4
LD (CONT), A

218E	218D4F	03260		LD	HL, PBLCK+3
2191	77	03270	INIT	LD	(HL), A
2192	23	03280		INC	HL
2193	3601	03290		LD	(HL), 1
2195	19	03300		ADD	HL, DE
2196	10F9	03310		DJNZ	INIT
2198	010001	03320	ONE	LD	BC, 100H
219B	FF	03330	TWO	RST	38H
219C	19	03340		DEFB	COLSET+1
219D	DD29	03350		DEFW	BANDW
219F	78	03360		LD	A, B
21A0	21E329	03370		LD	HL, PLATAB-2
21A3	FF	03380		RST	38H
21A4	5A00	03390		DEFW	INDEXW
21A6	D5	03400		PUSH	DE
21A7	FDE1	03410		POP	IY
21A9	ED53654F	03420		LD	(IYSAVE), DE
21AD	3E0F	03430		LD	A, 15
21AF	80	03440		ADD	A, B
21B0	32F54F	03450		LD	(CPP), A
21B3	21B325	03460		LD	HL, MUINT
21B6	CD6228	03470		CALL	INTSET
21B9	FD7E03	03480		LD	A, (IY+3)
21BC	A7	03490		AND	A
21BD	2009	03500		JR	NZ, LIVING
21BF	0C	03510		INC	C
21C0	3E04	03520		LD	A, 4
21C2	B9	03530		CP	C
21C3	CA7128	03540		JP	Z, GAMEND
21C6	184A	03550		JR	SKIPLA
21C8	ED43784F	03560	LIVING	LD	(SAVEBC), BC
21CC	3E2C	03570		LD	A, 44
21CE	D309	03580		OUT	(9), A
21D0	FF	03590		RST	38H
21D1	35	03600		DEFB	STRDIS+1
21D2	20	03610		DEFB	20H
21D3	14	03620		DEFB	20
21D4	04	03630		DEFB	4
21D5	832A	03640		DEFW	PLAYUP
21D7	3E30	03650		LD	A, 30H
21D9	B0	03660		OR	B
21DA	0E04	03670		LD	C, 4
21DC	115914	03680		LD	DE, 1459H
21DF	FF	03690		RST	38H
21E0	32	03700		DEFB	CHRDIS
21E1	CD2E29	03710		CALL	ADDERL
21E4	CDA128	03720		CALL	SCODIS
21E7	CD9628	03730		CALL	PULLED
21EA	219C25	03740		LD	HL, DUMMY
21ED	CD6228	03750		CALL	INTSET
21F0	18FE	03760	WAIT	JR	WAIT
21F2	F3	03770	CONTNU	DI	
21F3	E1	03780		POP	HL ;THROW AWAY DUMMY RETURN VALUE
21F4	CDE327	03790		CALL	ERASE
21F7	FF	03800		RST	38H
21F8	19	03810		DEFB	COLSET+1
21F9	B529	03820		DEFW	TOPCOL
21FB	181F	03830		JR	PLOOP
21FD	CD9328	03840	RETURN	CALL	FPULL
2200	06B4	03850	DRET	LD	B, 180
2202	76	03860	HALT	HALT	
2203	10FD	03870		DJNZ	HALT
2205	21B325	03880		LD	HL, MUINT
2208	CD6228	03890		CALL	INTSET
220B	CDE327	03900		CALL	ERASE
220E	ED4B784F	03910		LD	BC, (SAVEBC)

2212	04	03920	SKIPLA	INC	B
2213	3E05	03930		LD	A, 5
2215	B8	03940		CP	B
2216	CA9821	03950		JP	Z, ONE
2219	C39B21	03960		JP	TWO
221C	3E01	03970	PLOOP	LD	A, 1
221E	325E4F	03980		LD	(INSTAT), A
2221	212925	03990		LD	HL, INT1
2224	CD6228	04000		CALL	INTSET
2227	FF	04010		RST	38H
2228	1D	04020		DEFB	RECTAN+1
2229	00	04030		DEFB	0
222A	00	04040		DEFB	0
222B	A0	04050		DEFB	160
222C	0A	04060		DEFB	10
222D	FF	04070		DEFB	0FFH
222E	FF	04080		RST	38H
222F	1D	04090		DEFB	RECTAN+1
2230	00	04100		DEFB	0
2231	58	04110		DEFB	88
2232	A0	04120		DEFB	160
2233	06	04130		DEFB	6
2234	55	04140		DEFB	55H
2235	01142C	04150		LD	BC, GPTAB
2238	CDCB27	04160		CALL	NEXPAT
223B	FF	04170		RST	38H
223C	23	04180		DEFB	WRITP+1
223D	18	04190		DEFB	24
223E	57	04200		DEFB	87
223F	10	04210		DEFB	10H
2240	E632	04220		DEFW	32E6H
2242	0604	04230		LD	B, 4
2244	E5	04240		PUSH	HL
2245	F5	04250		PUSH	AF
2246	F1	04260	POP	POP	AF
2247	E1	04270		POP	HL
2248	FF	04280	REPEAT	RST	38H
2249	77	04290		DEFB	RANGED+1
224A	1A	04300		DEFB	26
224B	5F	04310		LD	E, A
224C	1600	04320		LD	D, 0
224E	21864C	04330		LD	HL, 4C86H
2251	19	04340		ADD	HL, DE
2252	E5	04350		PUSH	HL
2253	1E50	04360		LD	E, 50H
2255	19	04370		ADD	HL, DE
2256	F5	04380		PUSH	AF
2257	7E	04390		LD	A, (HL)
2258	E63C	04400		AND	60
225A	FE3C	04410		CP	60
225C	28E8	04420		JR	Z, POP
225E	F1	04430		POP	AF
225F	CB27	04440		SLA	A
2261	CB27	04450		SLA	A
2263	C618	04460		ADD	A, 24
2265	5F	04470		LD	E, A
2266	1652	04480		LD	D, 82
2268	210037	04490		LD	HL, 3700H
226B	3E10	04500		LD	A, 10H
226D	FF	04510		RST	38H
226E	22	04520		DEFB	WRITP
226F	21784F	04530		LD	HL, TTAB-2
2272	78	04540		LD	A, B
2273	FF	04550		RST	38H
2274	5A	04560		DEFB	INDEXW
2275	D1	04570		POP	DE

;TREASURE PATTERN

2276	73	04580	LD	(HL),E	
2277	23	04590	INC	HL	
2278	72	04600	LD	(HL),D	
2279	10CD	04610	DJNZ	REPEAT	
227B	3E20	04620	LD	A,20H	
227D	32964F	04630	LD	(0MAG),A	
2280	32894F	04640	LD	(BOMAG),A	
2283	3E80	04650	LD	A,80H	
2285	32974F	04660	LD	(0STAT),A	
2288	328A4F	04670	LD	(BOSTAT),A	
228B	3E01	04680	LD	A,1	
228D	32904F	04690	LD	(BOXCK),A	
2290	3E03	04700	LD	A,3	
2292	329D4F	04710	LD	(OXCK),A	
2295	32A24F	04720	LD	(OYCK),A	
2298	214500	04730	LD	HL,BDELT	
229B	228C4F	04740	LD	(BODXL),HL	
229E	FF	04750	RST	38H	
229F	77	04760	DEFB	RANGED+1	
22A0	64	04770	DEFB	100	
22A1	C61E	04780	ADD	A,30	
22A3	328F4F	04790	LD	(BOXH),A	
22A6	FF	04800	RST	38H	
22A7	1F	04810	DEFB	VWRITR+1	
22A8	894F	04820	DEFW	BOMAG	
22AA	0637	04830	DEFW	3706H	;BOAT PATTERN
22AC	AF	04840	XOR	A	
22AD	329A4F	04850	LD	(0MAG+4),A	
22B0	329B4F	04860	LD	(0MAG+5),A	
22B3	329F4F	04870	LD	(0MAG+9),A	
22B6	32A04F	04880	LD	(0MAG+10),A	
22B9	32A44F	04890	LD	(VBSTAT),A	
22BC	32774F	04900	LD	(TCOUNT),A	
22BF	FF	04910	RST	38H	
22C0	76	04920	DEFB	RANGED	
22C1	32994F	04930	LD	(ODXL),A	
22C4	3E0A	04940	LD	A,OYSPD	
22C6	329E4F	04950	LD	(ODYL),A	
22C9	FF	04960	RST	38H	
22CA	77	04970	DEFB	RANGED+1	
22CB	3C	04980	DEFB	60	
22CC	C628	04990	ADD	A,40	
22CE	329C4F	05000	LD	(OXH),A	
22D1	3E42	05010	LD	A,66	
22D3	32A14F	05020	LD	(OYH),A	
22D6	FF	05030	RST	38H	
22D7	1F	05040	DEFB	VWRITR+1	
22D8	964F	05050	DEFW	0MAG	
22DA	6437	05060	DEFW	3764H	;OCTOPUS PATTERN
22DC	216437	05070	LD	HL,3764H	
22DF	22714F	05080	LD	(OCTPAT),HL	
22E2	219939	05090	LD	HL,3999H	
22E5	22734F	05100	LD	(OCT2),HL	
22E8	21B63A	05110	LD	HL,OCTP3	
22EB	226B4F	05120	LD	(OCT3),HL	
22EE	3E05	05130	LD	A,5	
22F0	32754F	05140	LD	(OCTANI),A	
22F3	FD7E04	05150	LD	A,(IY+4)	
22F6	3C	05160	INC	A	
22F7	3C	05170	INC	A	
22F8	FE07	05180	CP	7	
22FA	FAFF22	05190	JP	M,LIMIT	
22FD	3E06	05200	LD	A,6	
22FF	32764F	05210	LD	(CMF),A	
2302	3E90	05220	LD	A,90H	;SETUP BEEP
2304	32584F	05230	LD	(MUZRET),A	

2307	3EB0	05240		LD	A, 0B0H	
2309	325A4F	05250		LD	(MUZRET+2), A	
230C	3EC9	05260		LD	A, 0C9H	
230E	325D4F	05270		LD	(MUZRET+5), A	
2311	21402B	05280		LD	HL, SUBTAB	
2314	226D4F	05290		LD	(SUBV1), HL	
2317	214C2B	05300		LD	HL, SUBTB2	
231A	226F4F	05310		LD	(SUBV2), HL	
231D	115F4F	05320		LD	DE, BONTOT	
2320	CD6129	05330		CALL	DESET	
2323	AF	05340		XOR	A	
2324	325E4F	05350		LD	(INSTAT), A	
2327	CD8624	05360	HERE	CALL	FIS	
232A	3E64	05370	HEREIS	LD	A, 100	
232C	326A4F	05380		LD	(OXCONT), A	
232F	3E01	05390		LD	A, 1	
2331	325E4F	05400		LD	(INSTAT), A	
2334	FF	05410		RST	38H	
2335	1D	05420		DEFB	RECTAN+1	
2336	25	05430		DEFB	37	
2337	58	05440		DEFB	88	
2338	66	05450		DEFB	102	
2339	03	05460		DEFB	3	
233A	FF	05470		DEFB	0FFH	
233B	FF	05480		RST	38H	
233C	1D	05490		DEFB	RECTAN+1	
233D	26	05500		DEFB	38	
233E	59	05510		DEFB	89	
233F	64	05520		DEFB	100	
2340	01	05530		DEFB	1	
2341	00	05540		DEFB	0	
2342	AF	05550		XOR	A	
2343	325E4F	05560		LD	(INSTAT), A	
2346	CD9328	05570		CALL	FPULL	
2349	CD6E24	05580	HITIS	CALL	FISHW	
234C	AF	05590		XOR	A	
234D	32684F	05600		LD	(OXSTAT), A	
2350	3AF54F	05610		LD	A, (CPP)	;GET CURRENT PLAYER PORT
2353	4F	05620		LD	C, A	
2354	ED78	05630		IN	A, (C)	
2356	CB67	05640		BIT	4, A	; IS TRIGGER PULLED?
2358	28EF	05650		JR	Z, HITIS	;NOPE, WAIT
235A	3A894F	05660		LD	A, (BOMAG)	
235D	5F	05670		LD	E, A	
235E	3A8F4F	05680		LD	A, (BOXH)	
2361	CB73	05690		BIT	6, E	
2363	2804	05700		JR	Z, LOAD	
2365	5F	05710		LD	E, A	
2366	3E8A	05720		LD	A, 138	
2368	93	05730		SUB	E	
2369	5F	05740	LOAD	LD	E, A	
236A	160A	05750		LD	D, 10	;Y START POSITION
236C	212E2B	05760		LD	HL, GAMLIM	
236F	22834F	05770		LD	(VECLIM), HL	;SET VECTOR LIMIT TABLE
2372	210030	05780		LD	HL, 3000H	
2375	22874F	05790		LD	(DIVER), HL	
2378	AF	05800		XOR	A	
2379	32824F	05810		LD	(ANIMAT), A	
237C	CD0426	05820		CALL	STADIV	;START DIVER
237F	CD4624	05830	TWATCH	CALL	MOVDIV	
2382	3AA44F	05840		LD	A, (VBSTAT)	
2385	FE01	05850		CP	1	
2387	CA0022	05860		JP	Z, DRET	
238A	0604	05870		LD	B, 4	
238C	78	05880	DITTO	LD	A, B	
238D	21784F	05890		LD	HL, TTAB-2	

2390	FF	05900		RST	38H
2391	5A	05910		DEFB	INDEXW
2392	AF	05920		XOR	A
2393	93	05930		SUB	E
2394	2804	05940		JR	Z, GONE
2396	1A	05950		LD	A, (DE)
2397	A7	05960		AND	A
2398	2004	05970		JR	NZ, GOTIT
239A	10F0	05980	GONE	DJNZ	DITTO
239C	18E1	05990		JR	TWATCH
239E	AF	06000	GOTIT	XOR	A
239F	77	06010		LD	(HL), A
23A0	7B	06020		LD	A, E
23A1	CB27	06030		SLA	A
23A3	CB27	06040		SLA	A
23A5	5F	06050		LD	E, A
23A6	1652	06060		LD	D, 62
23A8	210037	06070		LD	HL, 3700H
23AB	3E01	06080		LD	A, 1
23AD	325E4F	06090		LD	(INSTAT), A
23B0	3E20	06100		LD	A, 20H
23B2	FF	06110		RST	38H
23B3	22	06120		DEFB	WRITP
23B4	11893F	06130		LD	DE, DING
23B7	CD6A29	06140		CALL	DOBEEP
23BA	AF	06150		XOR	A
23BB	325E4F	06160		LD	(INSTAT), A
23BE	CD4624	06170	BWATCH	CALL	MOVDIV
23C1	3AA44F	06180		LD	A, (VBSTAT)
23C4	FEFF	06190		CP	0FFH
23C6	CABE23	06200		JP	Z, BWATCH
23C9	FE01	06210		CP	1
23CB	CA0022	06220		JP	Z, DRET
23CE	3A894F	06230		LD	A, (BOMAG)
23D1	CB77	06240		BIT	6, A
23D3	3A8F4F	06250		LD	A, (BOXH)
23D6	2804	06260		JR	Z, NBFLOP
23D8	6F	06270		LD	L, A
23D9	3E80	06280		LD	A, 128
23DB	95	06290		SUB	L
23DC	CB3F	06300	NBFLOP	SRL	A
23DE	CB3F	06310		SRL	A
23E0	6F	06320		LD	L, A
23E1	2600	06330		LD	H, 0
23E3	119041	06340		LD	DE, 4190H
23E6	19	06350		ADD	HL, DE
23E7	0608	06360		LD	B, B
23E9	7E	06370	NOHOME	LD	A, (HL)
23EA	A7	06380		AND	A
23EB	2005	06390		JR	NZ, BACK
23ED	23	06400		INC	HL
23EE	10F9	06410		DJNZ	NOHOME
23F0	18CC	06420		JR	BWATCH
23F2	AF	06430	BACK	XOR	A
23F3	32684F	06440		LD	(OXSTAT), A
23F6	32A44F	06450		LD	(VBSTAT), A
23F9	2A874F	06460		LD	HL, (DIVER)
23FC	3AAE4F	06470		LD	A, (VBYH)
23FF	57	06480		LD	D, A
2400	3AA94F	06490		LD	A, (VBXH)
2403	5F	06500		LD	E, A
2404	3E01	06510		LD	A, 1
2406	325E4F	06520		LD	(INSTAT), A
2409	3AA34F	06530		LD	A, (VBMR)
240C	FF	06540		RST	38H
240D	20	06550		DEFB	WRITR

240E	AF	06560		XOR	A	
240F	325E4F	06570		LD	(INSTAT), A	
2412	11313F	06580		LD	DE, HOMER	
2415	CD6A29	06590		CALL	DOBEEP	
2418	21624F	06600		LD	HL, LEVSCO	;ADD TREASURE
241B	FDE5	06610		PUSH	IY	
241D	D1	06620		POP	DE	
241E	0603	06630		LD	B, 3	
2420	FF	06640		RST	38H	
2421	62	06650		DEFB	BCDADD	
2422	CD4329	06660		CALL	ADDERO	
2425	3A774F	06670		LD	A, (TCOUNT)	
2428	3C	06680		INC	A	
2429	32774F	06690		LD	(TCOUNT), A	
242C	FE04	06700		CP	4	
242E	280D	06710		JR	Z, EOB	
2430	06B4	06720		LD	B, 180	
2432	76	06730	HALT2	HALT		
2433	C5	06740		PUSH	BC	
2434	CD6E24	06750		CALL	FISHW	
2437	C1	06760		POP	BC	
2438	10F8	06770		DJNZ	HALT2	
243A	C32A23	06780		JP	HEREIS	
243D	FD3404	06790	EOB	INC	(IY+4)	
2440	CD5629	06800		CALL	ENDADD	
2443	C3FD21	06810		JP	RETURN	;ADD SCORES, BONUS, ...
2446	3AF54F	06820	MOVDIV	LD	A, (CPP)	
2449	4F	06830		LD	C, A	
244A	3E02	06840		LD	A, 2	
244C	32674F	06850		LD	(ANISPD), A	
244F	ED78	06860		IN	A, (C)	
2451	210001	06870		LD	HL, 0100H	
2454	22854F	06880		LD	(DELTA), HL	
2457	CB67	06890		BIT	4, A	
2459	280E	06900		JR	Z, CONT	
245B	2A854F	06910		LD	HL, (DELTA)	
245E	29	06920		ADD	HL, HL	
245F	22854F	06930		LD	(DELTA), HL	
2462	F5	06940		PUSH	AF	
2463	3E01	06950		LD	A, 1	
2465	32674F	06960		LD	(ANISPD), A	
2468	F1	06970		POP	AF	
2469	E60F	06980	CONT	AND	0FH	;MASK OFF TRIGGER
246B	32F64F	06990		LD	(PIN), A	;SAVE PLAYER INPUT
246E	3A764F	07000	FISHW	LD	A, (CMF)	
2471	47	07010		LD	B, A	
2472	78	07020	FISHER	LD	A, B	
2473	3D	07030		DEC	A	
2474	21ED29	07040		LD	HL, FISHVT	
2477	FF	07050		RST	38H	
2478	5A	07060		DEFB	INDEXW	
2479	D5	07070		PUSH	DE	
247A	DDE1	07080		POP	IX	
247C	DDCB017E	07090		BIT	7, (IX+1)	
2480	CCA024	07100		CALL	Z, SAFISH	
2483	10ED	07110		DJNZ	FISHER	
2485	C9	07120		RET		
2486	3A764F	07130	FIS	LD	A, (CMF)	
2489	47	07140		LD	B, A	
248A	78	07150	X1	LD	A, B	
248B	3D	07160		DEC	A	
248C	21ED29	07170		LD	HL, FISHVT	
248F	FF	07180		RST	38H	
2490	5A	07190		DEFB	INDEXW	
2491	D5	07200		PUSH	DE	
2492	DDE1	07210		POP	IX	

2494	FF	07220	RST	38H	
2495	77	07230	DEFB	RANGED+1	
2496	50	07240	DEFB	80	
2497	DD7706	07250	LD	(IX+6), A	
249A	CDA424	07260	CALL	FIRST	
249D	10EB	07270	DJNZ	X1	
249F	C9	07280	RET		
24A0	DD360600	07290	LD	(IX+6), 0	
24A4	3E04	07300	LD	A, 4	; DETERMINE # OF FISH PATS
24A6	FD8604	07310	ADD	A, (IY+4)	
24A9	FE13	07320	CP	NUMFIS	
24AB	FAB024	07330	JP	M, NOLOAD	
24AE	3E13	07340	LD	A, NUMFIS	
24B0	FF	07350	RST	38H	
24B1	76	07360	DEFB	RANGED	
24B2	21F929	07370	LD	HL, FISHIN	
24B5	FF	07380	RST	38H	
24B6	5A	07390	DEFB	INDEXW	
24B7	1A	07400	LD	A, (DE)	
24B8	DD770D	07410	LD	(IX+13), A	
24BB	13	07420	INC	DE	
24BC	1A	07430	LD	A, (DE)	
24BD	DD770E	07440	LD	(IX+14), A	
24C0	13	07450	INC	DE	
24C1	1A	07460	LD	A, (DE)	
24C2	DD770F	07470	LD	(IX+15), A	
24C5	13	07480	INC	DE	
24C6	1A	07490	LD	A, (DE)	
24C7	DD7710	07500	LD	(IX+16), A	
24CA	13	07510	INC	DE	
24CB	1A	07520	LD	A, (DE)	
24CC	DD7704	07530	LD	(IX+4), A	
24CF	AF	07540	XOR	A	
24D0	FF	07550	RST	38H	
24D1	76	07560	DEFB	RANGED	
24D2	CB7F	07570	BIT	7, A	
24D4	2806	07580	JR	Z, NOMAGF	
24D6	DD360060	07590	LD	(IX+0), 60H	
24DA	1804	07600	JR	MAGF	
24DC	DD360020	07610	LD	(IX+0), 20H	
24E0	DD360500	07620	LD	(IX+5), 0	
24E4	DD360900	07630	LD	(IX+9), 0	
24E8	DD360A00	07640	LD	(IX+10), 0	
24EC	3EE1	07650	LD	A, 225	
24EE	FF	07660	RST	38H	
24EF	76	07670	DEFB	RANGED	
24F0	C61E	07680	ADD	A, 30	
24F2	DD7703	07690	LD	(IX+3), A	
24F5	3EE1	07700	LD	A, 225	
24F7	FF	07710	RST	38H	
24F8	76	07720	DEFB	RANGED	
24F9	C61E	07730	ADD	A, 30	
24FB	DD7708	07740	LD	(IX+8), A	
24FE	3E1E	07750	LD	A, 30	
2500	FF	07760	RST	38H	
2501	76	07770	DEFB	RANGED	
2502	C619	07780	ADD	A, 25	
2504	DD770B	07790	LD	(IX+11), A	
2507	DD360701	07800	LD	(IX+7), 1	
250B	DD360C03	07810	LD	(IX+12), 3	
250F	DD361102	07820	LD	(IX+17), 2	
2513	3E01	07830	LD	A, 1	
2515	325E4F	07840	LD	(INSTAT), A	
2518	DD660E	07850	LD	H, (IX+14)	
251B	DD6E0D	07860	LD	L, (IX+13)	
251E	FF	07870	RST	38H	

251F	1E	07800	DEFB	VWRITR
2520	DD360180	07890	LD	(IX+1), 80H
2524	AF	07900	XOR	A
2525	325E4F	07910	LD	(INSTAT), A
2528	C9	07920	RET	
2529	08	07930	INT1	EX AF, AF'
252A	D309	07940	OUT	(9), A
252C	D9	07950	EXX	
252D	CD0002	07960	CALL	200H
2530	3E8C	07970	LD	A, 140
2532	D30F	07980	OUT	(15), A
2534	21BF25	07990	LD	HL, INT2
2537	22FD4F	08000	LD	(VECTOR), HL
253A	3A684F	08010	LD	A, (OXSTAT)
253D	A7	08020	AND	A
253E	283B	08030	JR	Z, TTSKIP
2540	3AF54F	08040	LD	A, (CPP)
2543	4F	08050	LD	C, A
2544	ED78	08060	IN	A, (C)
2546	47	08070	LD	B, A
2547	CB60	08080	BIT	4, B
2549	2804	08090	JR	Z, B2
254B	0603	08100	LD	B, 3
254D	1802	08110	JR	TREPT
254F	0601	08120	B2	LD B, 1
2551	3A694F	08130	TREPT	LD A, (TIMER)
2554	3D	08140	DEC	A
2555	32694F	08150	LD	(TIMER), A
2558	201F	08160	JR	NZ, TSKIP
255A	3E14	08170	LD	A, 20 ; OXYGEN TIMER
255C	32694F	08180	LD	(TIMER), A
255F	3A6A4F	08190	LD	A, (OXCONT)
2562	3D	08200	DEC	A
2563	326A4F	08210	LD	(OXCONT), A
2566	2011	08220	JR	NZ, TSKIP
2568	AF	08230	XOR	A
2569	32684F	08240	LD	(OXSTAT), A
256C	11763F	08250	LD	DE, MDEAD
256F	CD6A29	08260	CALL	DOBEEP
2572	3EFF	08270	LD	A, 0FFH
2574	32A44F	08280	LD	(VBSTAT), A
2577	1802	08290	JR	TTSKIP
2579	10D6	08300	TSKIP	DJNZ TREPT
257B	118A59	08310	TTSKIP	LD DE, 598AH
257E	3A5E4F	08320	LD	A, (INSTAT)
2581	A7	08330	AND	A
2582	2012	08340	JR	NZ, PSAFE
2584	3A6A4F	08350	LD	A, (OXCONT)
2587	4F	08360	LD	C, A
2588	3E64	08370	LD	A, 100
258A	91	08380	SUB	C
258B	4F	08390	LD	C, A
258C	47	08400	LD	B, A
258D	7B	08410	LD	A, E
258E	90	08420	SUB	B
258F	5F	08430	LD	E, A
2590	3EAA	08440	LD	A, 0AAH
2592	0601	08450	LD	B, 1
2594	FF	08460	RST	38H
2595	1C	08470	DEFB	RECTAN
2596	D9	08480	PSAFE	EXX
2597	3EC0	08490	LD	A, 0C0H
2599	08	08500	EX	AF, AF'
259A	FB	08510	EI	
259B	C9	08520	RET	
259C	D9	08530	DUMMY	EXX

259D	08	08540		EX	AF, AF'
259E	CD0002	08550		CALL	200H
25A1	CD8D29	08560		CALL	MUSIC
25A4	3AF54F	08570		LD	A, (CPP)
25A7	4F	08580		LD	C, A
25A8	ED78	08590		IN	A, (C)
25AA	CB67	08600		BIT	4, A
25AC	C2F221	08610		JP	NZ, CONTNU
25AF	08	08620		EX	AF, AF'
25B0	D9	08630		EXX	
25B1	FB	08640		EI	
25B2	C9	08650		RET	
25B3	D9	08660	MUINT	EXX	
25B4	08	08670		EX	AF, AF'
25B5	CD0002	08680		CALL	200H
25B8	CD8D29	08690		CALL	MUSIC
25BB	08	08700		EX	AF, AF'
25BC	D9	08710		EXX	
25BD	FB	08720		EI	
25BE	C9	08730		RET	
25BF	08	08740	INT2	EX	AF, AF'
25C0	D309	08750		OUT	(9), A
25C2	D9	08760		EXX	
25C3	DDE5	08770		PUSH	IX
25C5	FDE5	08780		PUSH	IY
25C7	3A5E4F	08790		LD	A, (INSTAT)
25CA	A7	08800		AND	A
25CB	2024	08810		JR	NZ, MAGIC
25CD	FD2A654F	08820		LD	IY, (IYSAVE)
25D1	3AFB4F	08830		LD	A, (COUNT)
25D4	3C	08840		INC	A
25D5	FE06	08850		CP	6
25D7	2001	08860		JR	NZ, STORE
25D9	AF	08870		XOR	A
25DA	32FB4F	08880	STORE	LD	(COUNT), A
25DD	2A6D4F	08890		LD	HL, (SUBV1)
25E0	5F	08900		LD	E, A
25E1	1600	08910		LD	D, 0
25E3	CB23	08920		SLA	E
25E5	CB12	08930		RL	D
25E7	19	08940		ADD	HL, DE
25E8	5E	08950		LD	E, (HL)
25E9	23	08960		INC	HL
25EA	56	08970		LD	D, (HL)
25EB	21F125	08980		LD	HL, MAGIC
25EE	E5	08990		PUSH	HL
25EF	EB	09000		EX	DE, HL
25F0	E9	09010		JP	(HL)
25F1	3E13	09020	MAGIC	LD	A, 19
25F3	D30F	09030		OUT	(15), A
25F5	212925	09040		LD	HL, INT1
25F8	22FD4F	09050		LD	(VECTOR), HL
25FB	FDE1	09060		POP	IY
25FD	DDE1	09070		POP	IX
25FF	D9	09080		EXX	
2600	AF	09090		XOR	A
2601	08	09100		EX	AF, AF'
2602	FB	09110		EI	
2603	C9	09120		RET	
2604	7B	09130	STADIV	LD	A, E
2605	32A94F	09140		LD	(VBXH), A
2608	7A	09150		LD	A, D
2609	32AE4F	09160		LD	(VBXH), A
260C	AF	09170		XOR	A
260D	32A84F	09180		LD	(VBXL), A
2610	32AD4F	09190		LD	(VBXL), A

2613	3C	09200	INC	A	
2614	32AA4F	09210	LD	(VBXCK), A	
2617	32AF4F	09220	LD	(VBYCK), A	
261A	3E80	09230	LD	A, 80H	
261C	32A44F	09240	LD	(VBSTAT), A	
261F	3E01	09250	LD	A, 1	
2621	325E4F	09260	LD	(INSTAT), A	
2624	3E20	09270	LD	A, 20H	
2626	32A34F	09280	LD	(VBMR), A	
2629	2A874F	09290	LD	HL, (DIVER)	
262C	FF	09300	RST	38H	
262D	20	09310	DEFB	WRITR	
262E	AF	09320	XOR	A	
262F	325E4F	09330	LD	(INSTAT), A	
2632	3E01	09340	LD	A, 1	
2634	32684F	09350	LD	(OXSTAT), A	
2637	3E19	09360	LD	A, 25	
2639	32694F	09370	LD	(TIMER), A	
263C	3A674F	09380	LD	A, (ANISPD)	
263F	FE0A	09390	CP	10	
2641	C8	09400	RET	Z	
2642	3E01	09410	LD	A, 1	
2644	325E4F	09420	LD	(INSTAT), A	
2647	FF	09430	RST	38H	
2648	1D	09440	DEFB	RECTAN+1	
2649	25	09450	DEFB	37	
264A	58	09460	DEFB	88	
264B	66	09470	DEFB	102	
264C	03	09480	DEFB	3	
264D	FF	09490	DEFB	0FFH	
264E	FF	09500	RST	38H	
264F	1D	09510	DEFB	RECTAN+1	
2650	26	09520	DEFB	38	
2651	59	09530	DEFB	89	
2652	64	09540	DEFB	100	
2653	01	09550	DEFB	1	
2654	00	09560	DEFB	0	
2655	AF	09570	XOR	A	
2656	325E4F	09580	LD	(INSTAT), A	
2659	C9	09590	RET		
265A	3E01	09600	LD	A, 1	ATTOP
265C	32A44F	09610	LD	(VBSTAT), A	
265F	FD3503	09620	DEC	(IY+3)	
2662	C9	09630	RET		
2663	21003B	09640	LD	HL, DEADPT	;DEAD DIVER PATTERN
2666	22874F	09650	LD	(DIVER), HL	
2669	212E2B	09660	LD	HL, GAMLIM	
266C	110000	09670	LD	DE, 0	
266F	ED53A64F	09680	LD	(VBDXL), DE	
2673	1100FF	09690	LD	DE, 0FF00H	
2676	ED53AB4F	09700	LD	(VBDYL), DE	
267A	3E01	09710	LD	A, 1	
267C	32A54F	09720	LD	(VBTIMB), A	
267F	FF	09730	RST	38H	
2680	3E	09740	DEFB	VECT	
2681	2A874F	09750	LD	HL, (DIVER)	
2684	FF	09760	RST	38H	
2685	1E	09770	DEFB	VWRITR	
2686	3AAF4F	09780	LD	A, (VBYCK)	
2689	CB5F	09790	BIT	3, A	
268B	20CD	09800	JR	NZ, ATTOP	
268D	C9	09810	RET		
268E	3AA44F	09820	LD	A, (VBSTAT)	DVRRTN
2691	FE01	09830	CP	1	
2693	C8	09840	RET	Z	
2694	CB7F	09850	BIT	7, A	

2696	C8	09860		RET	Z	
2697	2A874F	09870		LD	HL, (DIVER)	
269A	DD21A34F	09880		LD	IX, VBMR	;DIVER VECTOR
269E	FF	09890		RST	3BH	
269F	1E	09900		DEFB	VWRITR	
26A0	3AA44F	09910		LD	A, (VBSTAT)	
26A3	FEFF	09920		CP	0FFH	
26A5	28BC	09930		JR	Z, DDRTN	
26A7	3AF64F	09940		LD	A, (PIN)	
26AA	A7	09950		AND	A	
26AB	CADA26	09960		JP	Z, MOVED	
26AE	3A674F	09970		LD	A, (ANISPD)	
26B1	47	09980		LD	B, A	
26B2	3A824F	09990		LD	A, (ANIMAT)	
26B5	3C	10000		INC	A	
26B6	B8	10010		CP	B	
26B7	32824F	10020		LD	(ANIMAT), A	
26BA	FADA26	10030		JP	M, MOVED	
26BD	AF	10040		XOR	A	
26BE	32824F	10050		LD	(ANIMAT), A	
26C1	3AFC4F	10060		LD	A, (DINDEX)	
26C4	3C	10070		INC	A	
26C5	FE0A	10080		CP	DMAX	
26C7	32FC4F	10090		LD	(DINDEX), A	
26CA	FAD126	10100		JP	M, NDPATT	
26CD	AF	10110		XOR	A	
26CE	32FC4F	10120		LD	(DINDEX), A	
26D1	21582B	10130	NDPATT	LD	HL, DPTAB	
26D4	FF	10140		RST	3BH	
26D5	5A	10150		DEFB	INDEXW	
26D6	ED53874F	10160		LD	(DIVER), DE	
26DA	3AF64F	10170	MOVED	LD	A, (PIN)	
26DD	47	10180		LD	B, A	
26DE	3AA34F	10190		LD	A, (VBMR)	
26E1	CB50	10200		BIT	2, B	
26E3	2006	10210		JR	NZ, LEFT	
26E5	CB58	10220		BIT	3, B	
26E7	200A	10230		JR	NZ, RIGHT	
26E9	181B	10240		JR	SKIP	
26EB	CB77	10250	LEFT	BIT	6, A	
26ED	2017	10260		JR	NZ, SKIP	
26EF	3E60	10270		LD	A, 60H	
26F1	1806	10280		JR	FLIP	
26F3	CB77	10290	RIGHT	BIT	6, A	
26F5	280F	10300		JR	Z, SKIP	
26F7	3E20	10310		LD	A, 20H	
26F9	32A34F	10320	FLIP	LD	(VBMR), A	
26FC	3AA94F	10330		LD	A, (VBXH)	
26FF	5F	10340		LD	E, A	
2700	3E87	10350		LD	A, 135	
2702	93	10360		SUB	E	
2703	32A94F	10370		LD	(VBXH), A	
2706	3AA34F	10380	SKIP	LD	A, (VBMR)	
2709	4F	10390		LD	C, A	
270A	2A854F	10400		LD	HL, (DELTA)	
270D	ED5B854F	10410		LD	DE, (DELTA)	
2711	FF	10420		RST	3BH	
2712	7E	10430		DEFB	MSKTD	
2713	ED53A64F	10440		LD	(VBDXL), DE	
2717	111500	10450		LD	DE, FLOAT	
271A	3F	10460		CCF		
271B	ED52	10470		SBC	HL, DE	
271D	22AB4F	10480		LD	(VBDYL), HL	
2720	3E01	10490		LD	A, 1	
2722	32A54F	10500		LD	(VBTIMB), A	;LOAD TIME BASE
2725	2A834F	10510		LD	HL, (VECLIM)	

2728	FF	10520	RST	38H	
2729	3E	10530	DEFB	VECT	
272A	DB08	10540	IN	A, (8)	;CLEAR INTERCEPT
272C	2A874F	10550	LD	HL, (DIVER)	
272F	FF	10560	RST	38H	
2730	1E	10570	DEFB	VWRITR	
2731	DB08	10580	IN	A, (8)	;CHECK INTERCEPT
2733	A7	10590	AND	A	
2734	2812	10600	JR	Z, NDEAD	
2736	C34827	10610	JP	NDEAD ;TEST !!!!!!!!!!!!!!!!!!!!!!!!!!!!!	
2739	116E3F	10620	LD	DE, 3F6EH	
273C	CD6A29	10630	CALL	DOBEEP	
273F	3EFF	10640	LD	A, 0FFH	
2741	32A44F	10650	LD	(VBSTAT), A	
2744	AF	10660	XOR	A	
2745	32684F	10670	LD	(OXSTAT), A	
2748	C9	10680	NDEAD	RET	
2749	FF	10690	BOMOV	RST	38H
274A	1F	10700	DEFB	VWRITR+1	
274B	894F	10710	DEFW	BOMAG	
274D	0637	10720	DEFW	3706H	;BOAT PATTERN
274F	3A904F	10730	LD	A, (BOXCK)	
2752	CB5F	10740	BIT	3, A	
2754	2817	10750	JR	Z, MBO	
2756	3E01	10760	LD	A, 1	
2758	32904F	10770	LD	(BOXCK), A	
275B	3A894F	10780	LD	A, (BOMAG)	
275E	EE40	10790	XOR	40H	
2760	32894F	10800	LD	(BOMAG), A	
2763	3A8F4F	10810	LD	A, (BOXH)	
2766	5F	10820	LD	E, A	
2767	3E7C	10830	LD	A, 124	
2769	93	10840	SUB	E	
276A	328F4F	10850	LD	(BOXH), A	
276D	3E01	10860	MBO	LD	A, 1
276F	328B4F	10870	LD	(BOTIME), A	
2772	FF	10880	RST	38H	
2773	3F	10890	DEFB	VECT+1	
2774	894F	10900	DEFW	BOMAG	
2776	322B	10910	DEFW	BOLIM	
2778	FF	10920	RST	38H	
2779	1F	10930	DEFB	VWRITR+1	
277A	894F	10940	DEFW	BOMAG	
277C	0637	10950	DEFW	3706H	;BOAT PATTERN
277E	C9	10960	RET		
277F	DD21964F	10970	OCT	LD	IX, OMAG
2783	2A714F	10980	LD	HL, (OCTPAT)	
2786	FF	10990	RST	38H	
2787	1E	11000	DEFB	VWRITR	
2788	AF	11010	XOR	A	
2789	FF	11020	RST	38H	
278A	76	11030	DEFB	RANGED	
278B	32994F	11040	LD	(ODXL), A	
278E	3E01	11050	LD	A, 1	
2790	32984F	11060	LD	(OTIME), A	
2793	FF	11070	RST	38H	
2794	3F	11080	DEFB	VECT+1	
2795	964F	11090	DEFW	OMAG	
2797	382B	11100	DEFW	OLIM	
2799	21754F	11110	LD	HL, OCTANI	
279C	35	11120	DEC	(HL)	
279D	2018	11130	JR	NZ, OCTSKP	
279F	3603	11140	LD	(HL), 3	
27A1	2A6B4F	11150	LD	HL, (OCT3)	
27A4	ED5B734F	11160	LD	DE, (OCT2)	
27A8	ED536B4F	11170	LD	(OCT3), DE	

27AC	ED5B714F	11180		LD	DE, (OCTPAT)
27B0	ED53734F	11190		LD	(OCT2), DE
27B4	22714F	11200		LD	(OCTPAT), HL
27B7	2A714F	11210	OCTSKP	LD	HL, (OCTPAT)
27BA	FF	11220		RST	38H
27BB	1E	11230		DEFB	VWRITR
27BC	2A6D4F	11240		LD	HL, (SUBV1)
27BF	ED5B6F4F	11250		LD	DE, (SUBV2)
27C3	ED536D4F	11260		LD	(SUBV1), DE
27C7	226F4F	11270		LD	(SUBV2), HL
27CA	C9	11280		RET	
27CB	0A	11290	NEXPAT	LD	A, (BC)
27CC	5F	11300		LD	E, A
27CD	03	11310		INC	BC
27CE	0A	11320		LD	A, (BC)
27CF	57	11330		LD	D, A
27D0	03	11340		INC	BC
27D1	0A	11350		LD	A, (BC)
27D2	6F	11360		LD	L, A
27D3	03	11370		INC	BC
27D4	0A	11380		LD	A, (BC)
27D5	67	11390		LD	H, A
27D6	03	11400		INC	BC
27D7	3EFF	11410		LD	A, 0FFH
27D9	BB	11420		CP	E
27DA	2806	11430		JR	Z, OUT
27DC	3E10	11440		LD	A, 10H
27DE	FF	11450		RST	38H
27DF	22	11460		DEFB	WRITP
27E0	18E9	11470		JR	NEXPAT
27E2	C9	11480	OUT	RET	
27E3	01130F	11490	ERASE	LD	BC, CLEAN
27E6	210040	11500	UERASE	LD	HL, 4000H
27E9	110140	11510		LD	DE, 4001H
27EC	75	11520		LD	(HL), L
27ED	EDB0	11530		LDIR	
27EF	C9	11540		RET	
27F0	DDCB017E	11550	AFISH	BIT	7, (IX+1)
27F4	C8	11560		RET	Z
27F5	DD660E	11570		LD	H, (IX+14)
27F8	DD6E0D	11580		LD	L, (IX+13)
27FB	FF	11590		RST	38H
27FC	1E	11600		DEFB	VWRITR
27FD	213C2B	11610		LD	HL, FISLIM
2800	DD360201	11620		LD	(IX+2), 1
2804	FF	11630		RST	38H
2805	3E	11640		DEFB	VECT
2806	DDCB075E	11650		BIT	3, (IX+7)
280A	2805	11660		JR	Z, ANIM
280C	DD360100	11670		LD	(IX+1), 0
2810	C9	11680		RET	
2811	DD3511	11690	ANIM	DEC	(IX+17)
2814	201C	11700		JR	NZ, NOSWAP
2816	DD361102	11710		LD	(IX+17), 2
281A	DD5E0D	11720		LD	E, (IX+13)
281D	DD560E	11730		LD	D, (IX+14)
2820	DD6E0F	11740		LD	L, (IX+15)
2823	DD6610	11750		LD	H, (IX+16)
2826	DD750D	11760		LD	(IX+13), L
2829	DD740E	11770		LD	(IX+14), H
282C	DD730F	11780		LD	(IX+15), E
282F	DD7210	11790		LD	(IX+16), D
2832	DD660E	11800	NOSWAP	LD	H, (IX+14)
2835	DD6E0D	11810		LD	L, (IX+13)
2838	FF	11820		RST	38H
2839	1E	11830		DEFB	VWRITR

283A	C9	11840	RET	
283B	DD21884E	11850	FISH1	LD IX, VECT1
283F	181C	11860	JR	PHONE
2841	DD219A4E	11870	FISH2	LD IX, VECT2
2845	1816	11880	JR	PHONE
2847	DD21AC4E	11890	FISH3	LD IX, VECT3
284B	1810	11900	JR	PHONE
284D	DD21BE4E	11910	FISH4	LD IX, VECT4
2851	180A	11920	JR	PHONE
2853	DD21D04E	11930	FISH5	LD IX, VECT5
2857	1804	11940	JR	PHONE
2859	DD21E24E	11950	FISH6	LD IX, VECT6
285D	CDF027	11960	PHONE	CALL AFISH
2860	FB	11970	EI	
2861	C9	11980	RET	
2862	F3	11990	INTSET	DI
2863	22FD4F	12000	LD	(VECTOR), HL
2866	21FD4F	12010	LD	HL, VECTOR
2869	7C	12020	LD	A, H
286A	ED47	12030	LD	I, A
286C	7D	12040	LD	A, L
286D	D30D	12050	OUT	(13), A
286F	FB	12060	EI	
2870	C9	12070	RET	
2871	21B325	12080	GAMEND	LD HL, MUINT
2874	CD6228	12090	CALL	INTSET
2877	3E2C	12100	LD	A, 44
2879	D309	12110	OUT	(9), A
287B	F3	12120	DI	
287C	FF	12130	<i>NORMAC</i> RST	38H
287D	35	12140	DEFB	STRDIS+1
287E	20	12150	DEFB	20H
287F	14	12160	DEFB	20
2880	04	12170	DEFB	4
2881	1A2B	12180	DEFW	GAMQVR
2883	2E00	12190	LD	L, 0
2885	22654F	12200	LD	(IYSAVE), HL
2888	CDA128	12210	CALL	SCODIS
288B	FB	12220	EI	
288C	DB10	12230	RESET	IN A, (10H)
288E	CB67	12240	BIT	4, A
2890	28FA	12250	JR	Z, RESET
2892	C7	12260	RST	0
2893	CD6E24	12270	FPULL	CALL FISHW
2896	3AF54F	12280	PULLED	LD A, (CPP)
2899	4F	12290	LD	C, A
289A	ED78	12300	IN	A, (C)
289C	CB67	12310	BIT	4, A
289E	20F6	12320	JR	NZ, PULLED
28A0	C9	12330	RET	
28A1	FF	12340	SCODIS	RST 38H
28A2	35	12350	DEFB	STRDIS+1
28A3	20	12360	DEFB	20H
28A4	27	12370	DEFB	27H
28A5	0C	12380	DEFB	12
28A6	142B	12390	DEFW	SCODIV
28A8	FF	12400	RST	38H
28A9	21	12410	DEFB	WRITR+1
28AA	56	12420	DEFB	86
28AB	27	12430	DEFB	27H
28AC	20	12440	DEFB	20H
28AD	0030	12450	DEFW	3000H ;DIVER PAT
28AF	3A654F	12460	LD	A, (IYSAVE)
28B2	A7	12470	AND	A
28B3	2005	12480	JR	NZ, NOEND
28B5	21763D	12490	LD	HL, 3D76H

LD A, (CONT)

CP 4

JR NZ, NORMAC

RST 38H

Defb STRDIS+1

Defb 10H

Defb 10

Ref B 12

Refb TURN4

RST 38H

Defb RST+1

X

Y

X size

Y size

DEFB

RST 38H

Defb RST+1

X-1

Y-1

X-2

Y-2

0

28B8	1815	12500		JR	CHEST
28BA	FD7E04	12510	NOEND	LD	A, (IY+4)
28BD	3D	12520		DEC	A
28BE	FE10	12530		CP	NUMFIS-3
28C0	FAC528	12540		JP	M, MAXED
28C3	3E12	12550		LD	A, NUMFIS-1
28C5	21F929	12560	MAXED	LD	HL, FISHIN
28C8	FF	12570		RST	38H
28C9	5A	12580		DEFB	INDEXW
28CA	1A	12590		LD	A, (DE)
28CB	6F	12600		LD	L, A
28CC	13	12610		INC	DE
28CD	1A	12620		LD	A, (DE)
28CE	67	12630		LD	H, A
28CF	3E20	12640	CHEST	LD	A, 20H
28D1	117E20	12650		LD	DE, 207EH
28D4	FF	12660		RST	38H
28D5	20	12670		DEFB	WRITR
28D6	AF	12680		XOR	A
28D7	21E529	12690	NEXNUM	LD	HL, PLATAB
28DA	FF	12700		RST	38H
28DB	5A	12710		DEFB	INDEXW
28DC	EB	12720		EX	DE, HL
28DD	F5	12730		PUSH	AF
28DE	57	12740		LD	D, A
28DF	CB22	12750		SLA	D
28E1	CB22	12760		SLA	D
28E3	CB22	12770		SLA	D
28E5	3E30	12780		LD	A, 48
28E7	82	12790		ADD	A, D
28E8	57	12800		LD	D, A
28E9	F1	12810		POP	AF
28EA	1E20	12820		LD	E, 20H
28EC	010886	12830		LD	BC, 8608H
28EF	FF	12840		RST	38H
28F0	36	12850		DEFB	DISNUM
28F1	1E63	12860		LD	E, 99
28F3	0601	12870		LD	B, 1
28F5	23	12880		INC	HL
28F6	23	12890		INC	HL
28F7	23	12900		INC	HL
28F8	FF	12910		RST	38H
28F9	36	12920		DEFB	DISNUM
28FA	1E78	12930		LD	E, 120
28FC	23	12940		INC	HL
28FD	F5	12950		PUSH	AF
28FE	7E	12960		LD	A, (HL)
28FF	E6F0	12970		AND	0F0H
2901	47	12980		LD	B, A
2902	7E	12990		LD	A, (HL)
2903	3D	13000		DEC	A
2904	E6F0	13010		AND	0F0H
2906	B8	13020		CP	B
2907	2804	13030		JR	Z, SAME
2909	7E	13040		LD	A, (HL)
290A	C606	13050		ADD	A, 6
290C	77	13060		LD	(HL), A
290D	7E	13070	SAME	LD	A, (HL)
290E	21554F	13080		LD	HL, CONVRT
2911	C600	13090		ADD	A, 0
2913	27	13100		DAA	
2914	77	13110		LD	(HL), A
2915	F1	13120		POP	AF
2916	0682	13130		LD	B, 82H
2918	FF	13140		RST	38H
2919	36	13150		DEFB	DISNUM

291A	0E0C	13160	LD	C, 12	
291C	F5	13170	PUSH	AF	
291D	1E14	13180	LD	E, 20	
291F	C631	13190	ADD	A, 31H	
2921	FF	13200	RST	38H	
2922	32	13210	DEFB	CHRDIS	
2923	3AF34F	13220	LD	A, (NUMPLA)	
2926	47	13230	LD	B, A	
2927	F1	13240	POP	AF	
2928	3C	13250	INC	A	
2929	B8	13260	CP	B	
292A	C2D728	13270	JP	NZ, NEXNUM	
292D	C9	13280	RET		
292E	FD4604	13290	ADDERL	LD	B, (IY+4)
2931	11624F	13300	LD	DE, LEVSCO	
2934	CD6129	13310	CALL	DESET	
2937	217F2A	13320	LD	HL, HUND	
293A	C5	13330	ADD1	PUSH	BC
293B	0603	13340	LD	B, 3	
293D	FF	13350	RST	38H	
293E	62	13360	DEFB	BCDADD	
293F	C1	13370	POP	BC	
2940	10F8	13380	DJNZ	ADD1	
2942	C9	13390	RET		
2943	3A6A4F	13400	ADDERO	LD	A, (OXCONT)
2946	47	13410	LD	B, A	
2947	115F4F	13420	LD	DE, BONTOT	
294A	21802A	13430	LD	HL, ONEP	
294D	C5	13440	ADDE	PUSH	BC
294E	0603	13450	LD	B, 3	
2950	FF	13460	RST	38H	
2951	62	13470	DEFB	BCDADD	
2952	C1	13480	POP	BC	
2953	10F8	13490	DJNZ	ADDE	
2955	C9	13500	RET		
2956	FDE5	13510	ENDADD	PUSH	IY
2958	D1	13520	POP	DE	
2959	215F4F	13530	LD	HL, BONTOT	
295C	0603	13540	LD	B, 3	
295E	FF	13550	RST	38H	
295F	62	13560	DEFB	BCDADD	
2960	C9	13570	RET		
2961	AF	13580	DESET	XOR	A
2962	12	13590	LD	(DE), A	
2963	13	13600	INC	DE	
2964	12	13610	LD	(DE), A	
2965	13	13620	INC	DE	
2966	12	13630	LD	(DE), A	
2967	1B	13640	DEC	DE	
2968	1B	13650	DEC	DE	
2969	C9	13660	RET		
296A	F3	13670	DOBEEP	DI	
296B	D5	13680	PUSH	DE	
296C	3AD44F	13690	LD	A, (4FD4H)	; VOICES
296F	32594F	13700	LD	(MUZRET+1), A	
2972	2AD24F	13710	LD	HL, (4FD2H)	; VOLUMES
2975	225B4F	13720	LD	(MUZRET+3), HL	
2978	ED5BCE4F	13730	LD	DE, (4FCEH)	; MUZPC
297C	2AD04F	13740	LD	HL, (4FD0H)	; MUZSP
297F	2B	13750	DEC	HL	
2980	72	13760	LD	(HL), D	
2981	2B	13770	DEC	HL	
2982	73	13780	LD	(HL), E	
2983	D1	13790	POP	DE	
2984	ED53CE4F	13800	LD	(4FCEH), DE	
2988	22D04F	13810	LD	(4FD0H), HL	

2988	FB	13820		EI	
298C	C9	13830		RET	
298D	DB17	13840	MUSIC	IN	A, (17H)
298F	CB4F	13850		BIT	1, A
2991	2808	13860		JR	Z, STARTM
2993	FF	13870		RST	38H
2994	13	13880		DEFB	BMUSIC+1
2995	B84F	13890		DEFW	MSTACK
2997	FC	13900		DEFB	VOICES
2998	AB29	13910		DEFW	NULL
299A	C9	13920		RET	
299B	DB16	13930	STARTM	IN	A, (16H)
299D	CB4F	13940		BIT	1, A
299F	C8	13950		RET	Z
29A0	FF	13960		RST	38H
29A1	13	13970		DEFB	BMUSIC+1
29A2	B84F	13980		DEFW	MSTACK
29A4	FC	13990		DEFB	VOICES
29A5	542C	14000		DEFW	MSCORE
29A7	C9	14010		RET	
		14020	; ROM DATA TABLES		
29A8	E1	14030	NULL	DEFB	0E1H ;NULL MUSIC
29A9	01	14040		DEFB	1
29AA	C3A829	14050		JP	NULL
29AD	00	14060	ZERO	DEFB	0
29AE	00	14070		DEFB	0
29AF	00	14080		DEFB	0
29B0	00	14090		DEFB	0
29B1	00	14100		DEFB	0
29B2	00	14110		DEFB	0
29B3	00	14120		DEFB	0
29B4	00	14130		DEFB	0
29B5	F8	14140	TOPCOL	DEFB	248
29B6	F7	14150		DEFB	247
29B7	77	14160		DEFB	119
29B8	CC	14170		DEFB	GREEN
29B9	F8	14180		DEFB	248
29BA	77	14190		DEFB	119
29BB	F7	14200		DEFB	247
29BC	CC	14210		DEFB	GREEN
29BD	F8	14220	MIDCOL	DEFB	248
29BE	77	14230		DEFB	119
29BF	F7	14240		DEFB	247
29C0	CC	14250		DEFB	GREEN
29C1	F8	14260		DEFB	248
29C2	77	14270		DEFB	119
29C3	F7	14280		DEFB	247
29C4	CC	14290		DEFB	GREEN
29C5	00	14300	BOTCOL	DEFB	0
29C6	96	14310		DEFB	150
29C7	74	14320		DEFB	SNDCLR
29C8	CC	14330		DEFB	GREEN
29C9	00	14340		DEFB	0
29CA	96	14350		DEFB	150
29CB	74	14360		DEFB	SNDCLR
29CC	CC	14370		DEFB	GREEN
29CD	F8	14380	TITCOL	DEFB	248
29CE	9A	14390		DEFB	154
29CF	74	14400		DEFB	116
29D0	A3	14410		DEFB	163
29D1	F8	14420		DEFB	248
29D2	77	14430		DEFB	119
29D3	74	14440		DEFB	116
29D4	A3	14450		DEFB	163
29D5	F8	14460	PSCOL	DEFB	248
29D6	00	14470		DEFB	0

29D7	F7	14480	DEFB	247		
29D8	A3	14490	DEFB	163		
29D9	F8	14500	DEFB	248		
29DA	00	14510	DEFB	0		
29DB	F7	14520	DEFB	247		
29DC	A3	14530	DEFB	163		
29DD	77	14540	BANDW	DEFB	119	
29DE	00	14550	DEFB	0		
29DF	07	14560	DEFB	7		
29E0	F2	14570	DEFB	242		
29E1	07	14580	DEFB	7		
29E2	07	14590	DEFB	7		
29E3	07	14600	DEFB	7		
29E4	00	14610	DEFB	0		
29E5	BA4F	14620	PLATAB	DEFW	PLAY1	
29E7	BF4F	14630	DEFW	PLAY2		
29E9	C44F	14640	DEFW	PLAY3		
29EB	C94F	14650	DEFW	PLAY4		
29ED	884E	14660	FISHVT	DEFW	VECT1	
29EF	9A4E	14670	DEFW	VECT2		
29F1	AC4E	14680	DEFW	VECT3		
29F3	BE4E	14690	DEFW	VECT4		
29F5	D04E	14700	DEFW	VECT5		
29F7	E24E	14710	DEFW	VECT6		
0013		14720	NUMFIS	EQU	19	
29F9	1F2A	14730	FISHIN	DEFW	F1	
29FB	242A	14740	DEFW	F2		
29FD	292A	14750	DEFW	F3		
29FF	2E2A	14760	DEFW	F4		
2A01	332A	14770	DEFW	F5		
2A03	382A	14780	DEFW	F6		
2A05	3D2A	14790	DEFW	F7		
2A07	422A	14800	DEFW	F8		
2A09	472A	14810	DEFW	F9		
2A0B	4C2A	14820	DEFW	F10		
2A0D	512A	14830	DEFW	F11		
2A0F	562A	14840	DEFW	F12		
2A11	5B2A	14850	DEFW	F13		
2A13	602A	14860	DEFW	F14		
2A15	662A	14870	DEFW	F15		
2A17	6B2A	14880	DEFW	F16		
2A19	702A	14890	DEFW	F17		
2A1B	752A	14900	DEFW	F18		
2A1D	7A2A	14910	DEFW	F19		
2A1F	AE37	14920	F1	DEFW	37AEH	; SHARK
2A21	F43B	14930	DEFW	3BF4H		
2A23	02	14940	DEFB	2		
2A24	0032	14950	F2	DEFW	3200H	; BLACK FISHIE
2A26	0032	14960	DEFW	3200H		
2A28	03	14970	DEFB	3		
2A29	0032	14980	F3	DEFW	3200H	; BLACK/BLUE BLINK
2A2B	BF3E	14990	DEFW	3EBFH		
2A2D	02	15000	DEFB	2		
2A2E	1032	15010	F4	DEFW	3210H	; BLUE ANIM
2A30	BF3E	15020	DEFW	3EBFH		
2A32	02	15030	DEFB	2		
2A33	1032	15040	F5	DEFW	3210H	; BLINK FISHIE
2A35	AF3E	15050	DEFW	3EAFH		
2A37	02	15060	DEFB	2		
2A38	1032	15070	F6	DEFW	3210H	; YELLOW ANIM
2A3A	AF3E	15080	DEFW	3EAFH		
2A3C	02	15090	DEFB	2		
2A3D	C431	15100	F7	DEFW	31C4H	; BARRACUDA
2A3F	D431	15110	DEFW	31D4H		
2A41	04	15120	DEFB	4		
2A42	E431	15130	F8	DEFW	31E4H	; GOLDFISH

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15740

2A44	F231	15140	DEFW	31F2H	
2A46	03	15150	DEFB	3	
2A47	9B3E	15160	DEFW	3E9BH	;SNARK
2A49	A53E	15170	DEFW	3EASH	
2A4B	03	15180	DEFB	3	
2A4C	4D3E	15190	DEFW	3E4DH	;TURTLE
2A4E	743E	15200	DEFW	3E74H	
2A50	01	15210	DEFB	1	
2A51	DC3D	15220	DEFW	3DDCH	;SEAHORSE
2A53	133E	15230	DEFW	3E13H	
2A55	03	15240	DEFB	3	
2A56	5B3C	15250	DEFW	3C5BH	;SAILFISH
2A58	BA3C	15260	DEFW	3CBAH	
2A5A	02	15270	DEFB	2	
2A5B	6E3A	15280	DEFW	3A6EH	;NOSE FISH
2A5D	923A	15290	DEFW	3A92H	
2A5F	01	15300	DEFB	1	
2A60	7239	15310	DEFW	3972H	;CLAIM
2A62	8039	15320	DEFW	3980H	
2A64	0200	15330	DEFW	2	
2A66	2C3B	15340	DEFW	3B2CH	;SWORD FISH
2A68	903B	15350	DEFW	3B90H	
2A6A	02	15360	DEFB	2	
2A6B	0E39	15370	DEFW	390EH	;PARTY SUB
2A6D	E339	15380	DEFW	39E3H	
2A6F	01	15390	DEFB	1	
2A70	123D	15400	DEFW	3D12H	;SQUID
2A72	8032	15410	DEFW	3280H	
2A74	02	15420	DEFB	2	
2A75	473A	15430	DEFW	3A47H	;CRAB
2A77	573A	15440	DEFW	3A57H	
2A79	03	15450	DEFB	3	
2A7A	6437	15460	DEFW	3764H	;OCT
2A7C	B63A	15470	DEFW	3AB6H	
2A7E	03	15480	DEFB	3	
2A7F	00	15490	HUND	DEFB	0
2A80	01	15500	ONEP	DEFB	1
2A81	00	15510		DEFB	0
2A82	00	15520		DEFB	0
2A83	50	15530	PLAYUP	DEFM	'PLAYER UP'
2A8E	00	15540		DEFB	0
2A8F	54	15550	TREAS	DEFM	'TREASURE'
2A97	00	15560		DEFB	0
2A98	43	15570	COVE	DEFM	'COVE'
2A9C	00	15580		DEFB	0
2A9D	20	15590	LOGO	DEFM	' (C) 1983 SPECTRE SYSTEMS '
2AC2	00	15600		DEFB	0
2AC3	42	15610	LOGO2	DEFM	'BY BRETT BILBREY FOR SPECTRECADE '
2AE8	00	15620		DEFB	0
2AE9	4E	15630	PROMPT	DEFM	'NUMBER OF PLAYERS'
2AFE	00	15640		DEFB	0
2AFF	4E	15650	DPRMPT	DEFM	'NUMBER OF DIVERS'
2B13	00	15660		DEFB	0
2B14	53	15670	SCODIV	DEFM	'SCORE'
2B19	00	15680		DEFB	0
2B1A	53	15690	GAMOVR	DEFM	'SORRY CHARLIE..'
2B29	00	15700		DEFB	0
2B2A	64	15710	TITLIM	DEFB	100
2B2B	82	15720		DEFB	130
2B2C	1E	15730		DEFB	30
2B2D	2D	15740		DEFB	45
2B2E	00	15750	GAMLIM	DEFB	0
2B2F	82	15760		DEFB	130
2B30	0A	15770		DEFB	10
2B31	4A	15780		DEFB	74
2B32	00	15790	BOLIM	DEFB	0

2B33	7C	15800	DEFB	124	
2B34	00	15810	DEFB	0	
2B35	1E	15820	DEFB	30	
2B36	1E	15830	DEFB	30	
2B37	2D	15840	DEFB	45	
2B38	14	15850	DEFB	20	
2B39	78	15860	DEFB	120	
2B3A	40	15870	DEFB	64	
2B3B	42	15880	DEFB	66	
2B3C	00	15890	DEFB	0	
2B3D	7D	15900	DEFB	125	
2B3E	0C	15910	DEFB	12	
2B3F	37	15920	DEFB	55	
2B40	8E26	15930	DEFW	DVRRTN	
2B42	4927	15940	DEFW	BOMOV	
2B44	7F27	15950	DEFW	OCT	
2B46	3B28	15960	DEFW	FISH1	
2B48	4128	15970	DEFW	FISH2	
2B4A	4728	15980	DEFW	FISH3	
2B4C	8E26	15990	DEFW	DVRRTN	
2B4E	4927	16000	DEFW	BOMOV	
2B50	7F27	16010	DEFW	OCT	
2B52	4D28	16020	DEFW	FISH4	
2B54	5328	16030	DEFW	FISH5	
2B56	5928	16040	DEFW	FISH6	
2B58	0030	16050	DEFW	3000H	
2B5A	2E30	16060	DEFW	302EH	
2B5C	5C30	16070	DEFW	305CH	
2B5E	8A30	16080	DEFW	308AH	
2B60	B830	16090	DEFW	30B8H	
2B62	E630	16100	DEFW	30E6H	
2B64	0E31	16110	DEFW	310EH	
2B66	3C31	16120	DEFW	313CH	
2B68	6431	16130	DEFW	3164H	
2B6A	9231	16140	DEFW	3192H	
2B6C	11	16150	DEFB	17	
2B6D	1E	16160	DEFB	30	
2B6E	F63B	16170	DEFW	3BF6H	;TITLE SHARK
2B70	48	16180	DEFB	72	
2B71	54	16190	DEFB	84	
2B72	AE3D	16200	DEFW	3DAEH	;ANCHOR
2B74	69	16210	DEFB	105	
2B75	4A	16220	DEFB	74	
2B76	783D	16230	DEFW	3D78H	;CHEST
2B78	00	16240	DEFB	0	
2B79	46	16250	DEFB	70	
2B7A	1232	16260	DEFW	3212H	
2B7C	0A	16270	DEFB	10	
2B7D	0A	16280	DEFB	10	
2B7E	1232	16290	DEFW	3212H	
2B80	79	16300	DEFB	121	
2B81	46	16310	DEFB	70	
2B82	1232	16320	DEFW	3212H	
2B84	6F	16330	DEFB	111	
2B85	42	16340	DEFB	66	
2B86	0232	16350	DEFW	3202H	
2B88	4D	16360	DEFB	77	
2B89	40	16370	DEFB	64	
2B8A	1232	16380	DEFW	3212H	
2B8C	9A	16390	DEFB	154	
2B8D	2F	16400	DEFB	47	
2B8E	1232	16410	DEFW	3212H	
2B90	43	16420	DEFB	67	
2B91	37	16430	DEFB	55	
2B92	0232	16440	DEFW	3202H	
2B94	57	16450	DEFB	87	

2B95	24	16460	DEFB	36	
2B96	1232	16470	DEFW	3212H	
2B98	19	16480	DEFB	25	
2B99	0F	16490	DEFB	15	
2B9A	1232	16500	DEFW	3212H	
2B9C	3C	16510	DEFB	60	
2B9D	28	16520	DEFB	40	
2B9E	1039	16530	DEFW	3910H	; SUB
2BA0	64	16540	DEFB	100	
2BA1	5A	16550	DEFB	90	
2BA2	0037	16560	DEFW	3700H	; TREASURE
2BA4	21	16570	DEFB	33	
2BA5	59	16580	DEFB	89	
2BA6	0037	16590	DEFW	3700H	; TREASURE
2BA8	2C	16600	DEFB	44	
2BA9	57	16610	DEFB	87	
2BAA	0037	16620	DEFW	3700H	; TREASURE
2BAC	00	16630	DEFB	0	
2BAD	2B	16640	DEFB	43	
2BAE	0033	16650	DEFW	3300H	; START OF SHIP
2BB0	04	16660	DEFB	4	
2BB1	4F	16670	DEFB	79	
2BB2	2A33	16680	DEFW	332AH	
2BB4	08	16690	DEFB	8	
2BB5	26	16700	DEFB	38	
2BB6	3033	16710	DEFW	3330H	
2BB8	10	16720	DEFB	16	
2BB9	28	16730	DEFB	40	
2BBA	9633	16740	DEFW	3396H	
2BBC	33	16750	DEFB	51	
2BBD	17	16760	DEFB	23	
2BBE	2834	16770	DEFW	3428H	
2BC0	37	16780	DEFB	55	
2BC1	1B	16790	DEFB	27	
2BC2	2F34	16800	DEFW	342FH	
2BC4	3B	16810	DEFB	59	
2BC5	1F	16820	DEFB	31	
2BC6	3634	16830	DEFW	3436H	
2BC8	3F	16840	DEFB	63	
2BC9	17	16850	DEFB	23	
2BCA	4134	16860	DEFW	3441H	
2BCC	44	16870	DEFB	68	
2BCD	28	16880	DEFB	40	
2BCE	6534	16890	DEFW	3465H	
2BD0	3C	16900	DEFB	60	
2BD1	28	16910	DEFB	40	
2BD2	6C34	16920	DEFW	346CH	
2BD4	48	16930	DEFB	72	
2BD5	2C	16940	DEFB	44	
2BD6	8034	16950	DEFW	3480H	
2BD8	4C	16960	DEFB	76	
2BD9	30	16970	DEFB	48	
2BDA	8734	16980	DEFW	3487H	
2BDC	50	16990	DEFB	80	
2BDD	34	17000	DEFB	52	
2BDE	8E34	17010	DEFW	348EH	
2BE0	30	17020	DEFB	48	
2BE1	38	17030	DEFB	56	
2BE2	9534	17040	DEFW	3495H	
2BE4	3C	17050	DEFB	60	
2BE5	3B	17060	DEFB	59	
2BE6	9A34	17070	DEFW	349AH	
2BE8	44	17080	DEFB	68	
2BE9	40	17090	DEFB	64	
2BEA	D234	17100	DEFW	34D2H	
2BEC	4C	17110	DEFB	76	

2BED	45	17120	DEFB	69	
2BEE	0035	17130	DEFW	3500H	
2BF0	54	17140	DEFB	84	
2BF1	48	17150	DEFB	72	
2BF2	1C35	17160	DEFW	351CH	
2BF4	5C	17170	DEFB	92	
2BF5	40	17180	DEFB	64	
2BF6	3835	17190	DEFW	3538H	
2BF8	60	17200	DEFB	96	
2BF9	38	17210	DEFB	59	
2BFA	4F35	17220	DEFW	354FH	
2BFC	64	17230	DEFB	100	
2BFD	30	17240	DEFB	61	
2BFE	6035	17250	DEFW	3560H	
2C00	1C	17260	DEFB	28	
2C01	28	17270	DEFB	43	
2C02	6735	17280	DEFW	3567H	
2C04	24	17290	DEFB	36	
2C05	2D	17300	DEFB	45	
2C06	B935	17310	DEFW	35B9H	
2C08	34	17320	DEFB	52	
2C09	28	17330	DEFB	40	
2C0A	0D36	17340	DEFW	360DH	
2C0C	2C	17350	DEFB	44	
2C0D	2F	17360	DEFB	47	
2C0E	6936	17370	DEFW	3669H	
2C10	85	17380	DEFB	133	
2C11	45	17390	DEFB	69	
2C12	6637	17400	DEFW	3766H	;TOCPUS
2C14	00	17410	DEFB	0	
2C15	51	17420	DEFB	81	
2C16	2538	17430	DEFW	3825H	;START OF GROUND
2C18	0F	17440	DEFB	15	
2C19	56	17450	DEFB	86	
2C1A	3C38	17460	DEFW	383CH	
2C1C	19	17470	DEFB	25	
2C1D	51	17480	DEFB	81	
2C1E	8638	17490	DEFW	3886H	
2C20	31	17500	DEFB	49	
2C21	54	17510	DEFB	84	
2C22	A138	17520	DEFW	38A1H	
2C24	46	17530	DEFB	70	
2C25	51	17540	DEFB	81	
2C26	A938	17550	DEFW	38A9H	
2C28	79	17560	DEFB	121	
2C29	52	17570	DEFB	82	
2C2A	E238	17580	DEFW	38E2H	
2C2C	93	17590	DEFB	147	
2C2D	51	17600	DEFB	81	
2C2E	F838	17610	DEFW	38F8H	
2C30	FF	17620	DEFB	0FFH	;END OF PATTERN TABLE
2C31		17630	DEFL	#	
0000		17640	END		