```
.TITLE ALEXEC - ALIENS EXECUTIVE
           ·SBTTL *****************************
                                                                                                  3
3
           .SBTTL *
           .SBTTL *MODULE
                                       ALEXEC
                                                                   *
           SBTTL *PROGRAMMER
                                       DAVE THEURER
           .SBTTL *FUNCTION
                                       ALIENS EXECUTIVE
6
                                                                                                  9
           .SBTTL *
                                                                                                  10
           •SBTTL **************************
8
                                                                                                  12
           .REPT O
 DATE
                    21-AUG-80
                                                                                                  15
 PROJECT #
                    289
                                                                                                  16
                                                                                                  17
 DISK #
                    94, B37
                                                                                                  18
  LINK STRING
                    ALGAME, ALDISP, ALHARD, ANVGUT, ALVRON
                                                                                                  19
15
           . ENDR
           .NLIST
           .INCLUDE ALCOMN
18
           .LIST
           . PAGE
                                                                                                  26

    SBTTL GLOBLS

                                                                                                  29
   ENTRY POINTS DEFINED HERE
                                                                                                  30
23
                                                                                                  32
                                                                                                  33
           .GLOBL MAINLN, UPSCOR, COCFLI
25
                                                                                                  34
26
27
   ENTRY POINTS DEFINED IN OTHER MODULES
                                                                                                  36
28
                                                                                                  38
           -GLOBL DISPLA, RESET, INIDSP, PRSTAR, PLDROP, PRBOOM, EAUPD, SYSTEM
29
                                                                                                  39
           .GLOBL D70MSK, D07MSK
30
                                                                                                  40
                                                                                                  41
           .GLOBL INISOU, SAUSON, SSLAMS
31
                                                                                                  42
           .GLOBL GETINI, HISCHK, INIRAO, INICHK
32
                                                                                                  43
33
           .GLOBL PLAY, MOVCUR
                                                                                                  44
                                                                                                  45
           .GLOBL SWAPEN, CLRSCO, INEWAV, INEWLI, NEWAV2
34
                                                                                                  46
           .GLOBL PRORAT, INIRAT
35
                                                                                                  47
           .GLOBL BONSCO, LOGINI
                                                                                                  48
           .SBTTL COLD START
                                                                                                  49
                                                                                                  50
           .CSECT
38
           .PAGE
39
                                                                                                  53
           .SBTTL MAINLOOP
40
41
   INPUT
                    POWER ON RESET PREPARATION
                                                                                                  56
   OUTPUT
43
                                                                                                  58
44
                                                                                                  59
                                        INITIALIZE SOUNDS
  MAINLN
           JSR INISOU
45
                                                                                                  60
           LDA I.CNEWGA
           STA QSTATE
47
                                                                                                  63
48
           BEGIN
                                        MAINLOOP
                                                                                                  64
           BEGIN
                                        LOOP UNTIL CURRENT FRAME HAS BEEN UP X MS.
           LDA FRTIMR
           CMP I,9
51
           CSEND
                                                                                                  70
                                        RESTART FRAME TIMER
53
           LDA I,0
           STA FRTIMR
                                                                                                  73
           JSR EXSTAT
                                        EXECUTE APPROPRIATE GAME STATE
55
           JSR NONSTA
                                        EXECUTE NON-STATE DEPENDENT CODE
56
           JSR DISPLA
                                        EXECUTE CODE TO DISPLAY NEW SCREEN
                                                                                                  76
           CLC
                                                                                                  78
59
           CSEND
                                        LOOP ALWAYS
                                                                                                  79
```

.PAGE

60

.SBTTL STATE ROUTINE EXECUTOR INPUT QSTATE CODE FOR STATE ROUTINE TO EXECUTE 3 OUTPUT CONTROL PASSED TO ROUTINE 5 EXSTAT 6 LDA INOPO 7 10 AND 1,83 8 CMP 1,82 FREEZE IFNE FREE PLAY 10 JSR PRSTAR PROCESS STAR FIELD 15 LDX QSTATE LDA SWFINA SET MUST PROCESS FLAG 18 ORA I, MFAKE 14 19 STA SWFINA LDA AX, ROUTAD+1 PHA LDA AX, ROUTAD PHA 19 26 **ENDIF** NOOPR 21 RTS STATE ROUTINE ADDRESS 25 ROUTAD 33 .WORD NEWGAM-1 NEW GAME 34 26 .WORD NEWLIF-1 NEW LIFE AFTER LOSING A BASE 35 .WORD PLAY-1 PLAY 36 .WORD ENDLIF-1 LIFE LOST 28 .WORD ENDGAM-1 END OF GAME 29 39 .WORD PAUSE-1 PAUSE 30 40 NEW WAVE AFTER SHOOTING ALL INVADERS 41 .WORD 0 31 42 32 .WORD ENDWAV-1 END OF WAVE 43 .WORD HISCHK-1 CHECK FOR HI SCORES 44 45 .WORD GETINI-1 GET HI SCORE INITIALS 34 46 DISPLAY HI SCORE TABLE 35 .WORD DLADR-1 .WORD PRORAT-1 REQUEST PLAYER RATE 36 48 37 .WORD NEWAV2-1 NEW WAVE PART 2 49 .WORD LOGINI-1 LOGO INIT 38 .WORD INIRAT-1 MONSTER DELAY/DISPLAY 39 .WORD NEWLF2-1 NEW LIFE PART 2 40 54 .WORD PLDROP-1 DROP MODE 41 .WORD SYSTEM-1 END WAVE CLEAN UP AFTER BONUS 56 .WORD PRBOOM-1 BOOM 58 ROUTEN 44 59 .PAGE 45 .SBTTL PAUSE STATE 46 47 63 INPUT CODE FOR STATE ROUTINE TO EXECUTE AFTER PAUSE 48 QNXTSTA QTMPAUS PAUSE TIMER # OF X SECOND UNITS TO WAIT 49 66 QFRAME FRAME COUNTER 50 OUTPUT QTMPAUS.QSTATE UPDATED 53 PAUSE 54 LDA QFRAME 73 55 AND PSCALE 57 IFEQ LDA QTMPAUS YES 58 78 AT O STOP AT 0 59 IFNE 79 NO. DROP 1 DEC QTMPAUS 60

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)-					
	1		ENDIF	AT O	1 2
	3		IFEQ LDA QNXTSTA	AT U	3
	4		STA QSTATE		5
	5		LDA I,O STA PSCALE	RESET STANDARD TIMER SCALE	7
	7		ENDIF		9
_	8		ENDIF JMP MOVCUR		10 11
	9		•PAGE		12 13
-	11				14 15
	12	PROCRE	•SBTTL PROCESS CREDITS LDA \$\$CRDT		16 17
	14		LDY I,0	YES	18 19
	15 16		CMP I,2 LDA SWFINA	CC IF 1 CREDIT, CS IF 2 OR MORE	20 21
	17		AND I, MSTRT2 MSTRT1		22 23 24
	18		STY SWFINA		24
	19		IFNE IFCC	EITHER START PRESSED YES. 1 CREDIT	25 26 27 28
	21		AND I, MSTRT1	YES.	27 28
	22		INY	NO. 2 OR MORE CREDITS	29 30 31 32
	23		DEC \$\$CRDT	REMOVE 1 CREDIT	31 32
2	25		AND I, MSTRT2		33 34
	26 27		END IF IFNE	START	35 36
	28		DEC \$\$CRDT	YES, REMOVE A CREDIT	37
	29		INY ENDIF		38 39 40
	30 31		TYA		41
	32		STA NUMPLA	SAVE # PLAYERS O ATTRACT	42 43 44
	33 34		IFNE LDA QSTATUS		45
) 3	35		ORA I, MATRACT MGTMOD	1 km J	46 47
	36 37		STA QSTATUS LDA I,0	SET GAME MODE ZERO BONUS COUNTER	48 49
	38		STA \$BCCNT		50 51 52
	39 40		STA \$BC LDA I, CNEWGA		52
	11		STA QSTATE	REQUEST NEW GAME STATE	53 54 55 56
	12		DEC NUMPLA	SET # PLAYERS 0 OR 1	56 57
	13 14		LDX NUMPLA IFNE		57 58 59 60 61 62 63 64
	15		LDX I,3	2 PLAYERS	90 29
	16 17		ENDIF INC X, NGAMIL	UPDATE 1/2 GAME COUNT	62
_	18		IFEQ		63 64
	19 50		INC X, NGAMIH ENDIF		65 66
_	51		LDA NGAMES		65 66 67 68
	52		SEC ARC MIMPLA		69 70
	54		ADC NUMPLA CMP I.NRANKS		71 72
5	55		IFCS	MAX OUT	73 74
_	56		LDA I, NRANKS ENDIF		75 76
	58		STA NGAMES	COUNT # GAMES	77 78
	59		ENDIF		78 79 80
[6	60		ELSE		80

DATE	17-12-1981 16 50 15	USER THEURER JOB TEMPEST	PAGE 0004
1	LDA TBHD IFNE	ATTRACT MODE D-CREDITS TRYING TO PLAY	1 2
3	BIT QSTATUS	YES	3
4	IFPL	ATTRACT	5
5	LDA I, CDPRST	YES. PRESS START DISPLAY	6 7
6	STA QDSTATE		8
7	LDA I,020		9
8	STA QTMPAUS LDA I,CPAUSE		11
10	STA QSTATE		
11	LDA I, CDLADR	DISPLAY LADDER	14 15
12	STA QNXTSTA		16
13	LDA I,O		17 18
) 14	STA TBHD STA ELICNT	CLEAR AVOID SPIKES DISPLAY	19
15	ENDIF	CLEAR AVOID SPIRES DISPLAT	20 21
17	ENDIF		22
18	ENDIF		23 24
19	RTS		25
20	•PAGE	EDENDENT DOCCESSING	26 27
21 22 NONS		EPENDENT PROCESSING	28
22 140143	LDA IN1		30
24	AND I, MTEST		31 32
25	IFEQ	SYSTEM STATUS DISPLAY	33 34
26	LDA I, CSYSTM	YES	35
27	STA QSTATE ELSE		36 37
28	E. L. J. E.	NO. PROCESS CREDITS	38
30	BIT QSTATUS	HOT THOUSAND ONEDATO	39 40
31	IFVC	ATTRACT	41
32	LDA OPTIN2	YES	42
33	AND I, OM2GAM	2 CAME MIN ODITION	44
34	IFNE LDY \$\$CRDT	2 GAME MIN OPTION YES.	46
36	IFEQ	CREDITS	47 48
37	LDA 1,80	NO. SET 2 CREDITS MIN FLAG	49
38	STA TCMFLG		50 51
39	ENDIF	V COEDITC	52
40	BIT TCMFLG IFMI	Y CREDITS 2 GAME MIN	53 54
42	CPY I, 2	YES.	55 56
43	IFCC	2 GAMES	57
44	TYA	NO	58 59
45	IFNE	1 CREDIT	60
46	LDA I,CD2GAM	YES	61 62
47	STA QDSTATE LDA I,CPAUSE		63
49	STA QSTATE		64 65
50	ENDIF		66 67
51	JMP NOSTART	DISABLE START	68
52	ELSE		69 70
53	LDA I, CDLADR		71
54	STA QSTATE LDA I,0	NOT ANY MORE. ENABLE START	72 73
55 56	STA TCMFLG	NUT ANT BUNE - ENABLE START	74
57	ENDIF		75 76
58	ENDIF		77
59	ENDIF		78 79
60	LDA \$\$CRDT	YES.	80

1		IFNE		1
2		JSR PROCRE	YES. PROCESS CREDITS	2
3		ENDIF		4
4	NOSTART	LDA \$CMODE		5
5		AND 1.03		6
6		IFEQ	FREE PLAY	7
7		LDA I,2		8
		STA \$\$CRDT		10
8				11
9		ENDIF		12
10		ENDIF		13 14
11		ENDIF		15
12	2	INC QFRAME	UPDATE FRAME CUUNTEK	16
13	3	LDA QFRAME		17
14	ļ.	AND I,1		18 19
15	5	IFNE		20
16		JSR EAUPD	PROCESS EAROM	21
17		ENDIF		22
18		LDA SLMTIM		21 22 23 24
		IFNE	SLAM SWITCH ON	24
19		JSR SSLAMS	SLAM SOUND	26
20			SLAM SUUMU	25 26 27 28 29 30 31 32 33 34 35 36 37
21		ENDIF		28
22		LDA QT2		29
23	3	IFNE		31
24		LDA I,19.		32
25	5	CMP CURWAY		33
26	S	IFCC		34
27	7	SED		36
28	3	ENDIF		37
29		ENDIF		38 39 40
30		LDA SWFINA		39
31		AND I, MFAKE	SWITCH PROCESSED THIS FRAME	41
		IFNE		42
32				43
33		LDA I,O	NO. FAKE PROCESS	44
34		STA SWFINA		45 46 47
35		ENDIF		47
36		RTS	ļ.	48
37	7	•PAGE		49
38	3	.SBTTL PREP-NEW GAME		50 51
39				52
40	FUNCTIO	DN		51 52 53 54
41				54
42	NEWGAM	JSR INICHK	INITIALIZE LANGUAGE PTRS, OPTIONS CHECK FOR CHANG	55 56
43		JSR INIDSP	INITIALIZE DISPLAY	57
44		LDA QSTATUS		58 59 60
45		IFMI	ATTRACT	59
46		JSR CLRSCO	NO. CLEAR SCORES	61
47		ENDIF	HOT OLLAN JOUNLY	61 62 63 64 65 66 67
				63
48		LDA I,0	ONE DIAVED CAME DECAULT DIAVED 2 DEAD	64 65
49		STA LIVES2	ONE PLAYER GAME DEFAULT PLAYER 2 DEAD	66
50		LDX NUMPLA	GIVE EACH PLAYER NEW GAME EQUIP	67
51		STX PLAYUP		68
52	2	BEGIN	LOOP FOR EACH PLAYER IN GAME 1 OR 2	69
53	3	LDX PLAYUP		71
54	<u> </u>	LDA LVSGAM	GET # LIVES	72
55	5	STA AX, LIVES1	INITIAL # OF LIVES GUNS	73
56	S	LDA I,-1		74
57		STA AX, WAVENI	FORCE REQUEST RATE STATE	68 69 70 71 72 73 74 75 76 77 78 79
58		DEC PLAYUP	The state of the s	77
) 59		MIEND	ENDLOOP AFTER ALL PLAYERS PROCESSED	78
1				
60	V .	LDA I,O		80

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	STA NEWPLA	START GAME WITH 1ST PLAYER UP.	
	STA PLAGRO	DEACTIVATE STAR FIELD	
	LDA NUMPLA	INDUCE PLAY PLAYER 1 MESSAGE	
	STA PLAYUP	IF 2 PLAYER GAME.	
5	JMP INIRAO	INITIALIZE FOR PLAYER RATE REQUEST	
;	•PAGE		
	.SBTTL PREP-NEW	LIFE	
			-
FUNCT	ION NEW LIFE	INITIALIZATION LAST PLAYER LOST A BASE	
INPUT			
1	2.5		-
SECOND	20.	FRAMES PER SECOND	
NEWLIF	IDA TICODIAN		
4	LDA I, CDPLAY	DECAULT	
5	STA QDSTATE	DEFAULT	
6	LDA I, CNWLF2 STA QSTATE		
7	STA QNXTSTA		
9	LDA NEWPLA		
	CMP PLAYUP		
	IFNE	SAME PLAYER AS BEFORE	
1	STA PLAYUP	NO	
3	LDA QSTATUS	:10	4
4	IFMI	ATTRACT	
5	LDA I, CDPLPL	NO.	
6	10 / 17 00 / E / E	,10 \$	
7	STA QDSTATE	WARN PLAYER DISPLAY	
3	LDA I, CPAUSE	TECTION OF MACTICALITY AND A SECTION OF THE CT T	
9	STA QSTATE	FOR 2 SECONDS	
0	LDA I,4*SECOND	LONGER PAUSE	
	LDY COCTAL		4
2	IFNE	COCKTAIL	
3	LDA I,2*SECOND	YES. NOT AS LONG	
ļ.	ENDIF		
5	STA QTMPAUS	SWITCH PLACES	
5	JSR SWAPEN	SWAP ENEMIES	
7	ENDIF		
3	ENDIF		
9	JSR COCFLI	COCKTAIL FLIP	
0	LDX PLAYUP		
1	LDA X, WAVENI	D. 111 D. A. 111	
2	STA CURWAY	PLAYER S WAVE #	
3	JSR INEWLI	INITIALIZE OBJECTS DEACTIVATE	
1	JMP INISOU	SOUNDS OFF	
	DACE"		
5	.PAGE	LICE DART 2	
SBTTL PREP-NEW LIFE PART 2 8 NEWLF2			
	IDA T CDIAV	PLAY STATE FOR	
9	LDA I, CPLAY STA QNXTSTA	GAME AFTER PAUSE	
1	LDA I, CDPLAY	OMPLE AFTER FAUSE	
2	STA QDSTATE	AND DISPLAY NOW	
3	LDA I, CPAUSE	MAD DISERT MOR	
4	STA QSTATE		
5	LDA I,1*SECOND	PAUSE	
6	STA QTMPAUS	1 700	
7	RTS		
3	•PAGE		-
9		OF WAVE SETUP STATE	- -
		OT STEEL OF OF OF OFFICE	-

Г	ENDWAV			1
	2	LDX PLAYUP		2
				3
'	3	LDA X, WAVEN1		4 5
1	4	CMP 1,98.	MAY AT OO	6
	5	IFCC	MAX AT 99	7
1	6	INC X, WAVENI	INCREMENT PLAYER S WAVE #	8
'	7	INC CURWAV		9
)	8	ENDIF		11
!	9	LDA I, CNEWV2		12
1	0	STA QSTATE		13
) 1	1	LDA X, BONUS		14
1	2	IFNE	BONUS	15 16
	3	JSR BONSCO	DETERMINE BONUS UPDATE SCORE	17
	4	LDX 1,-1	INDICATE TEMPS HAVE BONUS	18
	5	JSR UPSCOR	UPDATE SCORE	19
	6	JSR SAUSON	MAKE NOISE	21
			NAME NOISE	22
	7	ENDIF	CALL TATO NEW MANE	20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35
	8	D + C ***	FALL INTO NEW WAVE	24
	9	.PAGE	ID 0717"	25
) 2	20	.SBTTL PREP-NEW WAVE SET	JP STATE	27
2	.1			28
2	22	JMP INEWAV	INITIALIZE ENEMY POSITIONS	29
) 2	.3	• PAGE		30
2	24	.SBTTL PREP-LOSS OF BASE	PROCESS STATE	32
2	25			33
) 2	6 ENDLIF			34
2	27	LDA I,0*SECOND	NORMALLY NO PAUSE	35
	28	STA QTMPAUS		37
	29	LDX PLAYUP		38
	30	DEC X,LIVES1	DELETE ONE OF CURRENT PLAYER S LIVES	39
	31	LDA LIVES1	DELETE UNE OF CORRENT FLATER 3 LIVES	40 41
. 1				42
	32	ORA LIVES2	DOTH DEAD	43
	33	IFEQ	BOTH DEAD	44
	34	JSR ENDGAM	YES. END GAME STATE 5 HI CHECK	45 46
) 3	35	ELSE		47
3	86	LDX PLAYUP		48
3	37	LDA X, LIVESI	NO. AT LEAST 1 PLAYER IS ALIVE	49
) 3	88	IFEQ	CURRENT PLAYER DEAD	50 51
3	99	LDA I, CDGOVR	YES. GAME OVER PLAYER X	52
4	10			52 53 54 55 56
) 4	1	STA QDSTATE		54
4	-2	LDA I, 2*SECOND	LONGER PAUSE	55
	3	STA QTMPAUS		57
	4	ENDIF		58
	15	BEGIN	LOOP UNTIL GET TO NEXT LIVE PLAYER	59
	96	LDA NUMPLA	LOUI OHILL OUT TO HEAT LITE PLATER	60 61
		IFNE	2 DI AVEDS	62
	7		2 PLAYERS	62 63
	18	LDA NEWPLA	YES. SWITCH TO OTHER PLAYER	64
	9	EOR I,O1		65 66
	50	STA NEWPLA		67
	51	ENDIF		68
5	52	LDX NEWPLA		69 70
) 5	3	LDA X, LIVESI	TEST # OF BASES FOR OTHER PLAYER	70
5	i4	NEEND	EXIT IF PLAYER IS ALIVE	72
5	55	LDA I, CNEWLIF	THEN NEW LIFE SETUP	72 73
) 5	66	LDY X, WAVENI		74
5	57	INY		75 76
	58	IFEQ	NEW GAME FOR NEXT PLAYER	77
	59	LDA I, CINIRAT	YES. INITIALIZE RATE REQUEST STATE	78
	50	ENDIF	र मार्ग्यक सार्ग्यक संस्थापक संस्थापक स्थापन । १९९४ स्थापन १९६४ मध्ये प्रतिक प्रश्निक प्रतिक प्रतिक स्थापन स्थ स्थापन	79 80
L	···	6.m 2.78 M A. 1		081

CMP HIWAVE

DETERMINE HIGHEST WAVE REACHED

IFCS

ATTRACT

PUT INTO ATTRACT

STA HIWAVE ENDIF DEX MIEND LDY HIWAVE IFNE

BEGIN

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DEC HIWAVE ENDIF LDA I, CDLADR BIT QSTATUS

IFMI LDA I, CHISCHK

ENDIF STA QSTATE RTS NO. TEST FOR HI SCORE

REQUEST HI CHECK OR LADDER DISPLAY

REQUEST DISPLAY OF LADDER

RETURN TO PLAYER

DOUBLE TIME

DLADR LDA QSTATUS

AND I, C MATRACT MGTMOD

STA QSTATUS LDA I,O STA NUMPLA LDA I,CLOGO

LDA I,CLOGO
STA QNXTSTA REQUEST NEW GAME AFTER
LDA I,CPAUSE A LONG DELAY

STA QSTATE LDA I,0A0 STA QTMPAUS

LDA I,1 STA PSCALE

LDA I, CDHITB STA QDSTATE

.PAGE

RTS

.SBTTL UTILITY-MASKS

57 D70MSK .BYTE 80,40,20,10,8,4,2,1 58 D07MSK .BYTE 1,2,4,8,10,20,40,80

.PAGE

.SBTTL COCKTAIL FLIP

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ELSE

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INPUT COCTAL NOT O IF COCKTAIL GAME OUTPUT FLIP BIT SET IF COCKTAIL PLAYER 3 OTHERWISE IT IS CLEARED. COCFLI LDY I, MVINVY LDA COCTAL COCKTAIL GAME IFNE 10 LDA PLAYUP YES. 8 IFNE PLAYER 2 LDA I, MFLIP YES. FLIP SCREEN. 10 LDY I, MVINVX 15 **ENDIF** UNFLIP IF PLAYER 1 OR NOT COCKTAIL **ENDIF** 18 **EOR TNKOUT** 14 19 AND I, MFLIP **EOR TNKOUT** STA TNKOUT SET/CLEAR BIT STY TOUTO 18 RTS 19 26 .PAGE .PAGE 29 .PAGE 30 .SBTTL SCORE-CLEAR 23 32 **CLEAR BOTH SCORES** 33 25 CLRSCO 34 26 LDA I,0 35 LDX I,5 36 BEGIN LOOP FOR L.M H BYTES OF BOTH SCORES 28 STA X, LSCORL 29 39 30 DEX 40 41 MIEND 31 42 32 RTS 43 33 44 45 34 46 .SBTTL SCORE-ENEMY POINTS, GENERAL SCORE UPDATE 35 48 37 FUNCTION GIVE POINTS FOR ENEMY SHOT DOWN 49 38 INPUT X INDEX OF PTS TO ADD IF OUT OF TABLE THEN 53 ADD PTS IN TEMPO, 1, 2 40 41 UPSCOR 56 43 SED 58 44 BIT QSTATUS 59 ATTRACT IFMI 45 LDY PLAYUP IFNE NO. 47 63 PLAYER 2 48 LDY I,3 64 **ENDIF** YES 66 CPX I, TUPSLE-TUPSCL **IFCS** BONUS IN TABLE 51 52 LDA TEMPO NO. IN TEMPS CLC 53 ADC Y, LSCORL 54 73 STA Y, LSCORL 55 LDA TEMPI ADC Y, LSCORM 57 STA Y. LSCORM 58 78 59 LDA TEMP2 79

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-	_			
1		LDA AX, TUPSCL	ADD IN L,M AND H BYTES FROM	1
2		CLC	SCURE TABLE TO CURRECT	3
3		ADC AY, LSCORL STA AY, LSCORL	PLAYER S SCORE	5
5		LDA AX, TUPSCM		6 7
6		ADC AY, LSCORM		8
7 8		STA AY, LSCORM LDA I, O		9
9		ENDIF		11 12
10		РНР		13 14
11		ADC AY, LSCORH STA AY, LSCORH		15
13		PLP		16 17
14			GIVE DUNUS FUR DIG PIS.	18 19
15		IFNE LDX BLIFIN		20 21
17		IFNE	BONUS ALLOWED	22 23 24
18	3	CPX TEMP2	YES.	24
19		BEQ GIVBON BCC GIVBON	BONUS INTERVAL	25 26 27
20		ENDIF	DUNUS INTERVAL	27 28
22	2	ENDIF		29
23		IFCS	FASS IN BUONDANT	31
24 25		LDX BLIFIN IFNE	BONUS ALLOWED	32 33
26		CPX I,3 YES.		34 35
27		IFCS	OVER 20 K INTERVAL	36
28		BEGIN SEC		37 38
30		SBC BLIFIN		39 40
31		BEQ GIVBON	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	41 42
32		CCEND ELSE	EATT IT NEMATINEEN	43 44
34			NTERVAL	45
35		IFEQ		46 47
36		AND I,1 YES. BEQ GIVBON		48 49
38		ELSE		50 51
	GIVBON	LDV DI AVID	IU K INIEKVAL	52
40		LDX PLAYUP LDA X,LIVES1	YES. GIVE BONUS LIFE	53 54 55 56 57
42		CMP I,6		55 56
43		IFCC	MAX AT 6	57 58
44		INC X,LIVES1 JSR SAUSON	MAKE BONUS SOUND	58 59 60
46		LDA 1,20		61
47		STA BOFLASH	REQUEST BONUS LIFE FLASH	62 63 64 65
48		END I F		64 65
50		ENDIF		66 67
51		ENDIF		68
52		SEC ENDIF		69 70
54		ENDIF		71 72
55		CLD		73 74
56	TUPSCL	RTS .BYTE 00,50,0,0,50,50		75
	TUPSLE			76 77
59	TUPSCM	.BYTE 0,1,02,1,0,2,5,	7	78 79
60)	HLL65		80

