CMPFIN 000206R	CMP01	000022R	CMP02 000046R
CMP022 000112R	CMP024	000136R	CMP025 000144R
CMP026 000170R CMP04 000216R	<u>CMP028</u> CMP05	000174R	CMP03 000210R
CMP07 000276R	CMP08	000236R 	CMP06 000262R CMP10 000360R
CMP11 000374R	CNP68	000420R	CMP10 000360R CMP15 000436R
COMPAR 000000RG		= ***** G	EXPREP = ****** G
EXPX = ***** G		= ***** G	HIT1 = ***** G
HIT2 = ***** G		= ***** G	PC =2000007
PTNUM = ***** G	RESET	= ***** G	R0 =%00000
R1 =2000001	<u> </u>	=2000002	R3 =2000003
R4 =%000004		=%000005	R6 =%000006
R7 =2000007		= *****	SP = 2000006
WIN = ***** G		= ***** G	XDISP2 = ***** G
YDISP1 = ***** G	YDISP2	= ***** <u> </u>	= 000444R
*			
END ?	***************************************		
*	********	<del>* * * * * * * * * * * * * *</del> * *	*************
;			
	***************************************	SUBROUTINE	COMPAR
;			
		<u> YERSLON</u>	
<u>.</u>		BILL SEILER	
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•	CHECKE	FOR COLLISIO	NS OR HITS AND KEEPS SCORE
j		ERAL CTR	'M3 UN NII3 NMV NEEF3 36URE
			A SCRATCH REG
, /		TO TORPEDO F	
		R X DISPLACEM	
j.	R4=Y 06	R X DISPLACEM	IENT OF RKT2
		t :	
000000 	R0=%0 R1=%1		
000002	1 (23		
000002	R2=%2 R3=%3		<b>,</b> .
000004	R4=%4	······································	4
000005	R5=25		
000006	R6=%6		
000007	R7=27		· .
000006	SP=R6		
000007	PC=R7		
	TITLE	COMPAR	
	GLOBL	EXPREP, EXPX	
	. GLOBL		EXPLOD, PTNUM, HIT1, HIT2, SCORE
88888	GLOBL	<u> XDISP1, XDIS</u>	P2.YDISP1.YDISP2.RESET.MASK
000000 000000 016703′COMPA	.CSECT	UNICO4 DO	OFT HATER OF SUPE
000000 000000 016703. COMPF	R: MOV	YDISP1,R3	GET YDISP OF RKT1
000004 016704	MOV	YDISP2,R4	GET YDISP OF RKT2
000000			- VELTUIST UP KKIE
999919 919391	MOA	R3, R4	; PUT YDISP1 INTO SCRATCH
000012 160401	SUB	R4, R1	GET THE DIFFERENCE
000014 102475	BVS	CMP03	; IF OVERFLOW GO CHK TORPS
000016 100001	BPL	CMP01	; IF POSITIVE SKIP
000020 005101	con	R4	; IF NEGATIVE MAKE POSITIVE
000022 022701/CMP01	.: CMP	#MASK,R1	; ARE THE RKTS COLLIDING?
999999			
000026 002470	BLT	CMP03	; NO-GO CHK PTS
000030 016701′	MOY	XDISP1,R1	; MAYBE-CHK XDISP OF RKTS
000000 	SUB	Unicos es	. OFT THE ATPROXICA
000000 900034 199401.	<u> </u>	XDISP2,R1	;GET THE DIFFERENCE
000040_102463	BVS	CMDGS	. IE OUEDELOU OO OUR TOOGS
OCCUTO TOVACY	DYD	<u>CMP03</u>	: IF AVERFLAW GA CHK TARPS

		4	17 800	er mer er mer er men er er er men mer mer mer men mer mer mer mer men
	100001	BPL	CMP02	; IF POS SKIP
	005101	COM	_R4	; IF NEG MAKE POS
000046	022701/CMP02:	CMP	#MASK,R1	;ARE RKTS COLLIDING?
***************************************	000000			
	002456	BLT	CMP03	;NO-GO CHK PTS
000054	012767′	MOY	#20.EXPREP	; SET EXPLOD REPEATS
	000020			
	000000			i .
000062	016767′	MOV	XDISP2, EXPX	;SET EXPLOD X
	000000			
	000000	***************************************		/
		PAGE	001	
		rnue	991	
000070	010367′	MAII	ps Fuell	AP AT 40 AP 1 AP 1 AP 1 AP 1 AP 3
699619		MOV	R3,EXPY	;SET EXPLOD Y
	000000			
0000/4	004767′	JSR	PC, EXPLOD	;GO BOOM BETWEEN RKTS
	000000	,		
000100	005367	DEC	HIT2	; TAKE SHIELD FROM RKT2
	000000			
000104	005367′	DEC	HIT1	;TAKE SHIELD FROM RKT1
	000000			
000110	003012	BGT	CMP024	; IF SOME LEFT SKIP
	012767'CMP022:		#40.EXPREP	SET EXPLOD REPEATS
	000040			
	000000	•		
000120	016767′	MOV	XDISP1, EXPX	SET EXPLOD X
	000000		UNITITIEULU	JULI ENFLOW A
	000000	:		
00049€	010367′	MOV	R3, EXPY	CET EVELOR "
	000000 01076\	<u></u>		; SET EXPLOD Y
000470		TOD	DO EUD! 00	. OO DOOM ON BUT!
999132	004767	JSR	PC, EXPLOD	; GO BOOM ON RKT1
000476	000000		1100 000 00.	
<u> </u>	005767/CMP024:	<u> 15T</u>	HIT2	; ARE SHIELDS GONE ON RKT2?
· <b></b>	000000			
	003014	EGI	CMP028	:NO-SKIP
000144	012767′CMP025:	MOV	#40,EXPREP	SET EXPLOD REPEATS
	000040			
	000000			
000152	016767′	MOY	XDISP2,EXPX	;SET EXPLOD X
	000000			
	000000			
000160	010467′	MOV	R4, EXPY	;SET EXPLOD Y
ann, annt, pen, enger gang, gang,	000000	ine f	in termitti i	A DEL ENLEVE I
999164	004767′	JSR	PC, EXPLOD	· CO DOOM ON DETO
	000000	リンベ	T C ) EATLOU	; GO BOOM ON RKT2
	000000 000167′CMP026:	TMD	ccose	. OO CHOU THE COORE
999119		unr	SCORE	GO SHOW THE SCORE
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	000000 00576746MD000			8. 7. 8. 12. W. 1. 1. 2. 8. W. W. 1. 1
0001/4	005767'CMP028:	151	HIT1	; DID RKT1 LOOSE ALL SHIELDS?
	000000			
000200		BLE	CMP026	;YES-GO BLOW IT UP
000202	004767′	JSR	PC, RESET	:NO-RESET RKTS AND KEEP PLAYING
	000000		* * * * * * * * * * * * * * * * * * * *	1
	000207 CMPFIN:			; ALL DONE!!!!!!!!!!!!!!!!!!!!!
000210	012702′CMP03:	MOV	#PTNUM,R2	SET UP PTR TO TORPS
	000000			
000214	012200	MOV	(R2)+,R0	GET # OF TORPS
		DEC	RØ	; ARE THERE ANY MORE TORPS LEFT?
000220		BMI	CMPFIN	; NO-THEN ALL DONE
000222		MOV	2(R2),R1	GET YDISP OF TORP
	000002	er te de la companya	uma <del>nanista katanana</del> manaka katanan kanan katana k	
000226		SUB \	R3.R1	GET DIFFERENCE
000230		BVS	CMP10	
				; IF OVERFLOW GO CHK RKT2
000232		BPL	CMP05	; IF POS SKIP
000234		COM	R1	; IF NEG MAKE POS
<i>000236</i>	022701/CMP05:	CMP	#MASK.R1	:DAFS VOISP OF RKT1 = TARP2

	000000			
000242		BLT	CMP10	; NO-GO CHK RKT2
000244		MOV	6(R2), R1	; YES-CHK XDISPS
	000006		w	7123 GIIIS 110431 3
			•	
		PAGE		
000250		SUB	XDISP1,R1	GET DIFFERENCE
	000000		•	
000254		BVS	CMP10	; IF OVERFLOW GO CHK RKT2
000256		BPL	CMP06	; IF POS SKIP
999269		COM		; IF NEG MAKE PÓS
	022701/CMP06:	CMP	#MASK,R1	;DOES XDISP OF RKT1 = TORP?
000266	000000	BLT	CMD4G	NO CO CUK DETO
	005367	DEC	CMP10 HIT1	;NO-GO CHK RKT2 ;YES-HIT!-ARE RKT1 SHIELDS DONE?
	000000 001201	<u> </u>		THES-HIT: - HRE RKIT SHIELDS DUNE?
000274		BLE	CMP022	; YES-GO BLOW IT UP
annen 1918 - 1918 - 1918 - 1918 - 1918 - 1918 - 1918 - 1918 - 1918 - 1918 - 1918 - 1918 - 1918 - 1918 - 1918 -	0050671CMP07:	CLR	EXPREP	; MAKE EXPLOD DO ONE BOOM
	000001 0111 01 .	~ I IV	MOLDINE!	THINKE ENTEDD DO ONE BOOM
	016267′	MOV	2(R2), EXPY	;SET EXPLOD Y
	000002	**************************************	our virtue of distill i	rest will word !
	000000			
	016267/	MOA	<u>6482), Eypy</u>	;SET EXPLOD X
	000006			
	000000			
000316	004767'	JSR	PC, EXPLOD	GO BOOM ON TORPEDO
	000000		······································	
000322	i i	MOV	R0, R1	;SET UP SHIFT CTR
000324		_MOY		SET UP SHIFT POINTER
000326		DEC	PTNUM	;NO-REMOVE TORP FROM CTR
	000000			
000334	005301 CMP08:	DEC	R1 CMP04	; ARE ALL TORPS MOVED UP?
<u> </u>		BLT MOV	8. (R5), (R5)+	; YES-GO EXPLOD RKT ; NO-WELL MOVE THEM!
	000010	110 4	0. (KJ/) (KJ/T	MO-MELL HOVE THEN:
000342		MOV	8. (R5),(R5)+	
	000010		* * * * * * * * * * * * * * * * * * * *	
000346	016525	MOV	8. (R5), (R5)+	
	000010			
000352	016525	MOV	8. (R5), (R5)+	;FOUR WORDS MOVED UP
	<u> </u>	uannuani uannuani anni anni anni anni an	uuaanaanneaanneameaaneaaneameaneameaneaneaneaneaneaneaneaneaneaneaneaneane	
000356		BR	CMP08	; GO CHK AGAIN
	016201 CMP10:	WOA	2(R2),R1	GET YDISP OF TORP
	000002			
000364		<u> </u>	R4.R1	GET DIFFERENCE
000366		BVS	CMP15	; IF OVERFLOW GO CHK NEXT TORP
000370		BPL	CMP44	; IF POS SKIP
000372 000274	005101 022701′CMP11:	COM CMP	R1	; IF NEG MAKE POS
	000000 022701 CMP11:		#MASK,R1	;DOES YDISP OF RKT2 = TORP?
	002416	BLT.	CMP15	; NO-GO CHK NEXT TORP
000402		MOV	6(R2),R1	; YES-GET XDISP OF RKT2
	000006	omamamamamamamamamamamamamamamamamamama		THE GET REIST OF NATE
000406		SUB	XDISP2,R1	GET DIFFERENCE
	000000			
000412		BVS	CMP15	; IF OVERFLOW GO CHK NEXT TORP
000414		BPL	CMP12	; IF POS SKIP
000416		COM	R1	JIF NEG MAKE POS
A second	022701/CMP12:	C.Mb	#M82K+84	; DOES XDISP OF RKT2 = TORP?
	000000	gro, g was		
000424		BLT	CMP15	; NO-GO CHK NEXT TORP
000426		DEC	HIT2	; YES-ARE RKT2 SHIELDS GONE?
	000000			
		PAGE	раз	
		r 11111	PIFI N	-

800432	: 00.15 <b>44</b>	BLE	CMP-025	VEC_EO E	LOW UP RKT		****
. 000434	000720 062702 CMP4	∗BR•	CNP07	; NO-GO EX	PLOD TORF		V
	000010		<b>38 - 2</b>		UP 4 WORD		y
######################################	<u>'000665</u> .000001	BR #. END #	EMPRA	: GO GHK)	IEXT TÜRP		*
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