CHRR 098008G CHCR 008218 CHLF 0882487 CHT 788 = ******* C CHSP. 0980222 CHUS 0880148 CH1 0880248 CH15 0880662 CH2 0880708 CH2 0880248 CH3 0880438 CH2 0880448 CH2 0880248 CH3 0880438 CH4 088148 CH3 0880248 CH3 0880458 CH4 088148 CH3 0880248 CH3 0880458 CH4 088148 CH3 0880248 CH3 0880458 CH4 088048 DUM = 889080 INC 0880488 R8 = ***********************************	,					•					
CH1 080804R CH15 0808672 CH2 808073R CH26 080140R CH24 080134R CH25 080140R CH26 080140R CH2 080134R CH25 080140R CH26 080140R CH2 080138 CH4 980140R CH3 080212R CR = 080815 CH4 980140R OH5 = 080212R CR = 080815 CH4 980140R OH60 = ***********************************	***************************************						000224R				
CH23							000014R				
CH26 000144R CH2							<u>000070R</u>				
CHS					· · · · · · ·						
DRC0											
DUM											
NOS 888244R		***************************************	***************************************	··········							
R8 = 2000000 R1 = 2000001 R2 = 2000002 R3 = 2000000 R4 = 2000004 R5 = 2000002 R6 = 2000000 R7 = 2000007 SP = 2000006 SPRCE = 000000 R7 = 2000007 SP = 2000006 END ? **********************************			-								
R3 = 2000003 R4 = 2000007 R6 = 2000006 R7 = 2000007 SPACE = 000040	······································	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		***************************************	······						
R6 = 2000000 R7 = 2000007 SP = 2000006 SPACE = 0000000 R0 = 000024GR END ?			**								
SPACE = 898848				**************************************							
END ?					··· — •	ЭГ	-%888888				
		······································	·····	,							
CHARACTER DISPLAY YERSION 3C NOV 15.1974 RB=PTR TO BUFFER OF CHARS-FIRST WORD #OF BYTES R1=RIT TEST ROTATING MASK R2=CHARROTER INCERMENT-DETERMINES CHARACTER SIZE R3=POINTER RI CHAR DOT DATA R5=Y POSITION OF FIRST CHAR R60801 R1=21 R60802 R2=X2 R60803 R3=X3 R6=YA R60803 R3=X3 R6=YA R60803 R3=X3 R6=YA R60804 R6=X4 R6=Z4 R60805 R6=X6 R6=Z4 R60806 R6=X6 R6=Z4	END ?										
### CHARACTER DISPLAY ### VERSION 3C ### VERSION 3C ### VERSION 3C ### VERSION 3C #### VERSION 3C ##### VERSION 3C ###### VERSION 3C ####### VERSION 3C ####### VERSION 3C ########### VERSION 3C ####################################			; *****	******	*********	*****	******				
### CHARACTER DISPLAY ### VERSION 3C ### VERSION 3C ### VERSION 3C ### VERSION 3C #### VERSION 3C ##### VERSION 3C ###### VERSION 3C ####### VERSION 3C ####### VERSION 3C ########### VERSION 3C ####################################											
NOV 15,1974					CHARACTER NI	(CD) DU					
NOV 15,1974			***************************************	***************************************							
R0=PTR TO BUFFER OF CHARS-FIRST WORD #OF BYTES R1=RII TEST ROTATING MASK R2=CHARROTTER INCERMENT—DETERNINES CHARACTER SIZE R3=POINTER AT CHAR DOT DATA R4=X POSITION OF FIRST CHAR R5=Y POSITION OF FIRST CHAR R00000			;		t too the mail de tail [] F	3 U					
R0=PTR TO BUFFER OF CHARS-FIRST WORD #OF BYTES R1=RII TEST ROTATING MASK R2=CHARROTTER INCERMENT—DETERNINES CHARACTER SIZE R3=POINTER AT CHAR DOT DATA R4=X POSITION OF FIRST CHAR R5=Y POSITION OF FIRST CHAR R00000			;	NOV 15,	1974						
R1=RIT TEST ROTATING MBSK R2=CHRRACTER INCERMENT-DETERMINES CHARACTER SIZE R3=POINTER AT CHAR DOT DATA R4=X POSITION OF FIRST CHAR R5=Y POSITION OF FIRST CHAR R6=X6			······································	***************************************		unvertunnerummetumistettomistettomistettom					
R2=CHRRACTER INCERMENT-DETERMINES CHARACTER SIZE R3=F0INTER AT CHAR DOT DATA R4=X POSITION OF FIRST CHAR R5=Y POSITION OF FIRST CHAR R6=X0			; :	R0=PTR P1=R1T	TO BUFFER OF	CHARS-F:	IRST WORD #OF BYTES				
R3=POINTER AT CHAR DOT DATA R4=X POSITION OF FIRST CHAR R5=Y POSITION OF FIRST CHAR R6=X6	**************************************	*************************************	:				OMINES CHOROCTER STOR				
## ## ## ## ## ## ## ## ## ## ## ## ##			:	PR=POIN	TEP AT CUAD P	INITUEIEI Not noto	CHINES CHARACTER SIZE				
R5=Y POSITION OF FIRST CHRR	***************************************		i								
### ### ### ### #### #### ############											
000001			į.	uunna koi kan kkunnee een kunna kkonna kko	n and the second and the least of the constitution of the constitution of the constitution and the constitution of the consti						
000001		······································									
### ### ##############################											
000003					·						
00004 R4=X4 000005 R5=X5 000006 R6=X6 000007 R7=X7 000007 PC=R7 0000006 SP=R6 000020 CTLP=20 000040 SPACE=40 000015 CR=15 000012 LF=12 000000 DUM=0							•				
00005 R5=X5 000006 R6=X6 000007 R7=X7 000007 PC=R7 000006 SP=R6 000020 CTLP=20 000040 SPACE=40 000015 CR=15 000012 LF=12 000000 DUM=0	4444404604604604604604604604604604604604	en commencement and com			en anno en						
### ### #### #########################											
000007 R7=27 000007 PC=R7 0000007 PC=R7 0000006 SP=R6 0000000 CTLP=20 0000000 SPACE=40 000015 CR=1.5 000012 LF=12 000000 DUM=0 TITLE CHAR CLAR, DAC0, DAC1, DAC2, CHRTAB CSECT CAR, COUNT CASE CAR, DAC0, DAC1, DAC2, CHRTAB CSECT CAR, DAC0, DAC1, DAC2, CHRTAB CSECT CAR, DAC0, DAC1, DAC2, CHRTAB CSECT CAR, COUNT CASE CAR, DAC0, DAC1, DAC2, CHRTAB CSECT CAR, COUNT CASE CAR, CASE CAR, CASE CAS			~,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			-					
000007					•	•					
000006 SP=R6		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			······································					
000020	•				•						
000040 SPACE=40 000015	nentellentellentellentellentellentellentellentellentellentellentellentellentellentellentellentellentellentelle			seconnicteraminación melaninella compresentación de la compresenta							
00015	,										
000012	***************************************	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	······································	······	:	***************************************					
DUM=0						,	,				
TITLE CHAR GLOBL CHAR, DACO, DAC1, DAC2, CHRTAB GLOBL CSECT		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	i	***************************************		······································					
GLOBL CHAR, DACO, DAC1, DAC2, CHRTAB 00000 012046 CHAR: MOV (R0)+, -(SP) ; GET CHAR COUNT 000002 016702 MOV INC, R2 ; SET CHARACTER SIZE 000232 000006 012737' MOV #-2048 .0 #DAC2 ; TURN DOT OFF JUST IN CASE 174000 000014 005316 CH05: DEC (SP) ; IS THERE MORE CHARS? 000016 002002 BGE CH1 ; YES-GO DRAW THEM 000020 005726 TST (SP)+ ; NO-POP OLD CTR 000022 000207 RTS PC ; ALL DONE!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		anno el considerar na companya esperante de la companya esperante de la companya esperante de la companya espe			CHAR						
00000						C1, DAC2,	CHRTAB				
00002 016702 MOV INC,R2 ;SET CHARACTER SIZE 000232 000006 012737' MOV #-2048 .0#DAC2 ;TURN DOT OFF JUST IN CASE 174000 000000 000014 005316 CH05: DEC (SP) ;IS THERE MORE CHARS? 000016 002002 BGE CH1 ;YES-GO DRAW THEM 000020 005726 TST (SP)+ ;NO-POP OLD CTR 000022 000207 RTS PC ;ALL DONE!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!						***************************************					
000232 00006 012737' MOV #-2048 .0#DAC2 ;TURN DOT OFF JUST IN CASE 174000 000000 000014 005316 CH05: DEC (SP) ;IS THERE MORE CHARS? 000016 002002 BGE CH1 ;YES-GO DRAW THEM 000020 005726 TST (SP)+ ;NO-POP OLD CTR 000022 000207 RTS PC ;ALL DONE!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!			CHAR:			; GET	CHAR COUNT				
00006 012737′ MOV #-2048 .0#DAC2 ; TURN DOT OFF JUST IN CASE 174000 000000 000014 005316 CH05: DEC (SP) ; IS THERE MORE CHARS? 000016 002002 BGE CH1 ; YES-GO DRAW THEM 000020 005726 TST (SP)+ ; NO-POP OLD CTR 000022 000207 RTS PC ; ALL DONE!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	000002			MOY	INC.R2	; SE I	CHARACTER SIZE				
174000 000000 000014 005316 CH05: DEC (SP) ; IS THERE MORE CHARS? 000016 002002 BGE CH1 ; YES-GO DRAW THEM 000020 005726 TST (SP)+ ; NO-POP OLD CTR 000022 000207 RTS PC ; ALL DONE!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	ا المعاد الم										
000000 000014 005316 CH05: DEC (SP) ; IS THERE MORE CHARS? 000016 002002	<u> </u>		r	MOY	<u>#-2048 .@#DA</u>	C2 : TUE	'N DOT OFF JUST IN CASE				
000014 005316 CH05: DEC (SP) ; IS THERE MORE CHARS? 000016 002002 BGE CH1 ; YES-GO DRAW THEM 000020 005726 TST (SP)+ ; NO-POP OLD CTR 000022 000207 RTS PC ; ALL DONE!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	* * * * * * * * * * * * * * * * * * *						<i>4</i>				
000016 002002 BGE CH1 ; YES-GO DRAW THEM 000020 005726 TST (SP)+ ; NO-POP OLD CTR 000022 000207 RTS PC ; ALL DONE!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	000044		CUGE:	F. E. C.	/ m v						
### 000020 005726 TST (SP)+ ;NO-POP OLD CTR ### 000022 000207 RTS PC ;ALL DONE!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!			Cuaj:								
000022 000207 RTS PC ;ALL DONE!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!											
000024 112003 CH1: MOVB (R0)+,R3 ;GET CHAR 000026 010046 MOV R0,-(SP) ;SAVE PTR 000030 122703 CMPB #CR,R3 ;IS IT A CARRIAGE RETURN? 000015 000034 001470 BEQ CHCR ;YES-GO CR											
000026 010046 MOV R0,-(SP) ; SAVE PTR 000030 122703 CMPB #CR,R3 ; IS IT A CARRIAGE RETURN? 000015 000034 001470 BEQ CHCR ; YES-GO CR			CH1 ·	······							
000030 122703 CMPB #CR.R3 ; IS IT A CARRIAGE RETURN? 000015 000034 001470 BEQ CHCR ; YES-GO CR											
000015 000034 001470 BEQ CHCR ;YES-GO CR											
000034 001470 BEQ CHCR ; YES-GO CR				um e e e Ter	a with the	115	TO BE CORKINGE RETURNS				
		001.470		BEQ	CHCR	; YFS	-GO CR				
	000036	122703									

,	000012			
000042	001470	BEQ	CHLF	;YES-GO LF
000044	122703	CMPB	#SPACE,R3	; NO-IS THIS A SPACE?
	000040		***************************************	
	001470	BEQ	CHSPC	;YES-GO SPACE
000052	003003	<u> BGT </u>	CH15	; NO-IF LESS THAN SPACE BAD CHAR
		2001. Jan. Jan. 1988		
		PAGE	_001	
000051	122703	CMPB	#137,R3	. IC IT OBSOURD THOU ISSUE
UUUUUT	000137	CHER	#136783	; IS IT GREAYER THAN 137?
000060	002003	BGE	CH2	; NO-GOOD CHAR!
	012703′CH15:	MOV	#CHRTAB,R3	;YES-BAD CHAR
	000000			7, 1 a. Dilly Office
	000410	BR	CH23	
000070	162703 CH2:	SUB	#37,83	; ZERO FOR FIRST CHAR IN TABLE
270, 290, 640, 290, 0mm a	000037			•
	<u>010301</u>	<u> MOY</u>	<u> </u>	SAME WALE TEMP
	006303 060103	ASL ODD	R3	;R3=R3*2
	<u>060103</u> 006303	ADD ASL	R1, R3 R3	:R3=R3*3
	062703′	ADD	KS #CHRTAB,R3	;R3=R3*6 (FOR 3 WORDS) ;R3 PTS AT FIRST CHAR DATA BYTE
<u> </u>	000000			THE THE PROPERTY OF THE
000110	012701 CH23:	MOV	#200.R1	SET TEST BIT
	000200			
	010546	MOV	R5,-(SP)	;SAVE INITIAL Y POSITION
000116	01.0467	MOV	R4,CH24+2	; SAVE INITIAL X
	000014		·	
000122	010367	MOY	R3,CH25+2	;SAVE INITIAL CHAR PTR
manaanaanaanaanaanaanaanaanaanaanaanaana	<u>000014</u>	AND AND D.O.		
000126	005137	COM	@#DAC2	;TURN DOT ON INTO CHAR
000172	<u>000000</u> 000404		~	#12.5 B.
	000404 012704 CH24:	BR MOV	CH26 #DUM.R4	;SKIP
	000000			; RESET PTR
000140	012703 CH25·	MOW	#DUM, R:3	:RESET X
	000000		,	7 1 1 In at Lat 1
999144	012700 CH26:	MOV	#6, R0	SET BYTE CTR
·	000006			
		BITB		; IS THE BIT ON?
	001404	BEQ	CH4	; NO-DONT MOVE IN DACS
	010437/	MOV	R4.0#DACO	+ WORE X
	000000 010537′	MOV	DE GARGOS	MOUE II
<u> </u>	000000 010234.	-time	R5.0#DAC1	<u> </u>
000164	060204 CH4:	ADD	R2, R4	; INCREMENT X
000166		DEC	•	DONE ALL THE BYTES?
	993367			; NO-SO FINISH
000172	•	SUB		DECREMENT Y
	000241	CLC		
000176		RORB		; MOVE TEST BIT DOWN ONE
	001355			; IF NOT ZERO DRAW NEXT ROW
	060204	ADD		;ZERO-SETUP FOR NEXT CHAR
	<u>012605</u> 005137 ⁷			FEPLACE INITIAL Y
	000000 0001.37	COM	@#DAC2	TURN DOT OFF OUT OF CHAR
	012600 CH5:	MOV	(SP)+,R0	REPLACE PTR
	000677			GO TO IT AGAIN
	012704 CHCR:	MOV	(RESET X TO FAR LEFT
	174000			
	000773	BR		; NEXT
000224	•	SUB		; MOVE DOWN ONE ROW
<i>M</i> ,	000014		,	
	000770	BR		; NEXT
i i	066704 CHSPC:	ADD	INC6, R4	; MOVE RIGHT ONE CHAR SPACE
	000004			

	PAGE	882			
. 000236 0 0 0765	BR	CH5	60 0N	J.,	
000240 000040 INC: 000242 000300 INC6:	. WORD	40 ;	INC BETWEEN INC6=6*INC		
000244 000400 INC8:	. WORD . . END		INC6=8*INC		
	PAGE	687			
	rnue	003			
000000 ERRORS					
: PAL-115 ¥Ø03A *					
** *5 Link-115, V0 028: .					
* * * # * * · · · · · · · · · · · · · ·					
*0 PA					
*6'1000					
PASS 1					•
			V 200 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
* 1					
* <u>E</u>					
	*				
					······································

*36

1

¥.