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BLANKS, TARGET

7 0414 C 699 2G9

OOTSTRAP		,0080	15,022026,030037,044,049,053053N000000N00001026 16,105106,110117B101/191#071029C029056B026/B001/0991 15,022029,036040,047054,061068,072/061039	,0010	011040		3
			FORTRAN COMPILER OVERLAY LOADER			PA	GE 1
SEQ PG LIN	LABEL	OP	OPERANDS	SFX CT	LOCN	INSTRUCTION TYP	E CARD
101		JOB	FORTRAN COMPILER OVERLAY LOADER				
102		CTL	6611				
L03	*						
L04	* XLIN	KF LOA	DER - FUNCTION I.				
L05	*						
L06	* INPU	TS ARE	IN 84-86, (274279)&X3 AND MAYBE EXIT&(13).				
L07	*						
108			RACTER ADDRESSED BY 84-86 IS \$, CLEAR FROM 3+(CONTEN	ITS			
L09 L10	^ OF 8	4-00)	DOWN TO DOWNTO, ELSE CLEAR FROM TOP OF CORE.				
L10 L11	* TD T	יוגיי יום	GET IN (274279)&X3 IS ZERO WITH SOME ZONE, LOAD FR	OM			
L11 L12			THE TARGET IS NEGATIVE OR BLANK, LOAD THE FIRST REC				
113			AT 1 AND BRANCH TO 1. OTHERWISE HUNT FOR IT, AND WH				
114			THE NEXT BLOCK AT 333 AND THE ONE AFTER THAT AT 700				
115			TO THE ADDRESS STORED INTO EXIT&3.	,			
116	*						
	X1	EOU	89		0089		
118	X2				0094		
119	X3				0099		
120	*						
L21	* ADDR	ESS IN	PHASE 61				
122	*						
		EQU	1020 RETURN HERE AFTER LOADING THIS MODULE		1020		
L24	*						
	TARGET	~			0279	X	
	BLANKS	EQU	699		0699		
L27	*	ODG	222			0222	
L28	113.T. T	ORG	333		0222	0333	
	HALT		HALT			. 333	4
130 337 131 344		MCW CS	86,X2 80			M 086 094 / 080	4
131 344		BCE	SETCLR,0&X2,\$ SET THE CLEAR ADDRESS			B 585 0!0 \$	4
132 340	*	יזיים	DEICHK, V&AZ, O DEI INE CHEMA ADDREGO	0	0340	ל ה:ה כמכ ת	4
134	* (T.E.Z.	R FROM	TOP OF CORE OR THE SPECIFIED CLEAR ADDRESS DOWN TO				
135	* DOWN		101 01 00ML OK THE DESCRIPTION COUNTY INDUCEDS DOWN TO				
136	*						
	CLEAR	CS	0	4	0356	/ 000	4
			CLEAR&3			н 359	4
			CLEAR&3, DOWNTO			C 359 645	4
140 371		BU	CLEAR			B 356 /	5
141 376		SW	TARGET-5	4	0376	, 2G4	5
142 380		MZ	TARGET, KZ6	7	0380	Y 2G9 642	5
143 387		C	KZ6,TARGET	7	0387	C 642 2G9	5
144 394		BE	KZ6,TARGET CDLOOP CDLOOP LOAD1,TARGET TARGET IS NEGATIVE	5	0394	B 603 S	5
145 399		BM	LOAD1, TARGET IS NEGATIVE	8			5
146 407		MZ	KZ6-5, TARGET CLEAR ZONE OF LOW-ORDER TARGET CHAR				6
147 414		C	DIANUC TADCET	7	0/1/	C 600 2C0	6

				FORTRAN COMPILER OVERLAY LOADER			PAGI	E 2
SEQ PO	LIN	LABEL	OP	OPERANDS	SFX CT	LOCN	INSTRUCTION TYPE	CARD
148	421		BE	LOAD1 TARGET IS BLANKS	5	0421	B 620 S	6
149		*						
150		* SET	GMWM ]	N 22				
151		*						
152	426		SW	22			, 022	6
153	430	*	MCW	GMWM, 22	-7	0430	M 680 022	6
154 155			EOD I	JB IN 8-10 AND THE TARGET (TARGET) IN 12-17				
156		* HOMI	FOR I	IIB IN 0-10 AND THE TARGET (TARGET) IN 12-17				
157	437	HUNT	RT	1,1	8	0437	M %U1 001 R	6
158	445	110111	BEF	ENDFIL	5	0445		7
159	450		C	10,LIB	7		C 010 648	7
160	457		BU	HUNT	5	0457	в 437 /	7
161	462		C	17, TARGET	7	0462	C 017 2G9	7
162	469		BE	FOUND	5	0469	B 498 S	7
163	474		В	HUNT	4	0474	В 437	7
164		*						
165				E. CHANGE THE NOP TO A HALT AND BRANCH TO LOAD				
166				S, THEN REWIND THE TAPE AND HUNT AGAIN. THEREBY,	THE			
167 168		* TAPE	IS OF	ILY SEARCHED TWICE.				
169	170	ENDFIL	MOD	CDLOOP BECOMES H CDLOOP	1	0470	N 603	7
170	482	ENDLID	MCW		3M4 7		M 581 478	8
171	489		RWD	1	5		U %U1 R	8
172	494		В	HUNT	4		В 437	8
173		*						
174		* FOUN	D THE	TARGET				
175				EXT BLOCK AT 333 AND THE ONE AFTER THAT AT 700,				
176			BRANC	H TO THE ADDRESS PLUGGED INTO EXIT&3				
177		*			_			
178		FOUND		KZ6-1,101 CLEAR			L 641 101	8
179 180	505 509			KZ6-1 INDEX KZ6-1 REGISTERS		0505	L 641 L 641	8 8
181	513			1,333 HOPE SHORT ENOUGH NOT TO CLOBBER US	8			8
182	521		BER	TAPERR	5		B 557 L	9
183	526			KZ6-5, KZ6-1	7	0526	M 637 641	9
184	533			TAPERX&3,READ2	7	0533		9
185	540	READ2			3M4 4	0540	В 649	9
186	544	READ2R	MN	0-0 V	3M4 4	0544	D 000	9
187	548		SW	V	3M4 1	0548	,	9
188	549		NOP	V	3M4 1	0549	N	9
189	550		NOP		3M4 1		N	10
190	552		DCW		3M4 2	0552		10
191		EXIT	В	0	4		В 000	10
192		TAPERR		K1,KZ6-1	7	0557		10
193 194	564 572		BCE BSP	ERRHLT, KZ6-1,9 NINE ERRORS?	8 5		B 581 641 9 U %U1 B	10 10
194		TAPERX		FOUND	4		B 498	10
196		ERRHLT		ERRHLT			. 581	11
197	301	*			-	0301	. 501	

				FORTRAN COMPILER OVERLAY LOADER					PAGE	3
SEQ PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD
198 199		* SET	THE CL	EAR START ADDRESS						
200	585	SETCLR	MCW	3&X2,CLEAR&3		7	0585	M 0!3 359		11
201	592		MZ	KZ6-5,CLEAR&2		7	0592	Y 637 358		11
202	599		В	CLEAR		4	0599	в 356		11
203		*								
204		* TARG	ET IS	00000X WHERE X IS ZERO WITH SOME ZONE.						
205		* READ	CARDS	UNTIL ONE WITH COMMA (SW) IN COLUMN 1 IS FOUND,	,					
206		* THEN	BRANC	H TO IT.						
207		*								
208	603	CDLOOP	SW	1		4	0603	, 001		11
209	607		R			1	0607	1		11
210	608		BCE	1,1,,		8	0608	в 001 001 ,		11
211	616		В	CDLOOP		4	0616	B 603		12
212		*								
213			A BLC	CK INTO 1 AND BRANCH TO IT						
214		*								
215	620	LOAD1	RWD	1		5	0620	U %U1 R		12
216	625		RTW	1,1		8	0625	L %U1 001 R		12
217	633		В	1		4	0633	B 001		12
218		*								
219		* DATA								
220		*				_				
221	642	KZ6	DCW	000000		6	0642			12
222	645	DOWNTO		699		3	0645	699		12
223	648	LIB	DCW	@LIB@	******	3	0648	- 01		12
224	649	READ2X		•	V3M4	8	0649	L %U1 700 R		13
225	657		SBR		V3M4	4	0657	н 547		13
226	661		BER		V3M4	5 4	0661 0666	B 557 L		13
227 228	666 678		В		V3M4	9	0678	в 544		13
228 229	679	K1	DC DCW	#9 @1@	V3M4	1	0678			13 13
230	680	GMWM	DCW	@}@ @T@		1	0680		GMARK	13
231	000	GIMMI	EX	AFTOVL		1	0000	в  20	JIAKK	14
231			END	UL IOAN				/ 000 080		TI
2,2			מאום					, 000 000		

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			FORTRAN	COMPILE	R OVER	LAY LOAD	ER					PAGE	4
SYMBOL AFTOVL	ADDRESS	SYMBOL BLANKS	ADDRESS 699	SYMBOL CDLOOP	ADDRESS 603	SYMBOL CLEAR	ADDRESS 356	SYMBOL	ADDRESS 645	SYMBOL ENDFIL	ADDRESS 478	SYMBOL ERRHLT	ADDRESS 581

SYMBOL	ADDRESS												
AFTOVL	1020	BLANKS	699	CDLOOP	603	CLEAR	356	DOWNTO	645	ENDFIL	478	ERRHLT	581
EXIT	553	FOUND	498	GMWM	680	HALT	333	HUNT	437	K1	679	KZ6	642
LIB	648	LOAD1	620	READ2	540	READ2R	544	READ2X	649	SETCLR	585	TAPERR	557
TAPERX	577	TARGET	279+X3	X1	89	X2	94	X3	99				