DECUS
PROGRAM LIBRARY

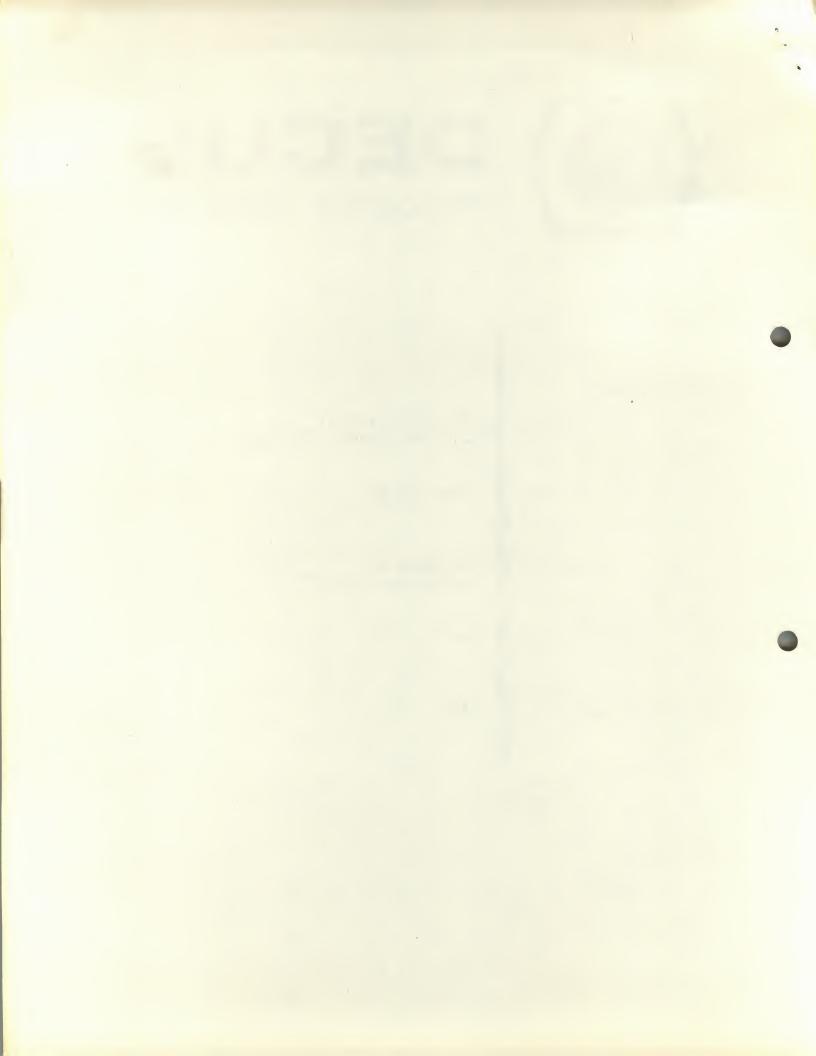|	
DECUS NO.	8-314
TITLE	8K FORTRAN LIBRARY CR8/I CARD READER INPUT ROUTINE
AUTHOR	Rainer Schonger
COMPANY	Fa. Siemens AG Munich, West Germany
DATE	April 20, 1970
SOURCE LANGUAGE	SABR

8K FORTRAN LIBRARY CR8/I CARD READER INPUT ROUTINE

ABSTRACT

This routine reads 12 row, 80 column punched cards by a simple FORTRAN statement (i.e., READ (3,10).....where 3 is the card reader Device Number) as well as by input from the teletype.

USAGE

FOR USING THIS ROUTINE BY A FORTRAN READ STATEMENT (FOR E.   "READ (3,1Ø) ....." - WHERE 3 IS THE CR8/I CARD READER DEVICE NUMBER) IT IS NECESSARY TO MAKE A NEW INPUT ("CALL Ø, RCARD; JMP JFFF") IN THE DEVICE TRANSFER TABLE AT THE BEGINNING OF THE IOH ROUTINE. - REFER TO 8K FORTRAN SYSTEM MANUAL (APPENDIX G-7).

TO INITIALIZE THIS ROUTINE A "CALL ECARD" IS NECESSARY BEFORE THE FIRST USE IN A PROGRAM (SIMILAR TO FLAG-SETTING-ROUTINE "OPEN").

AN INPUT RECORD IS DEFINED AS AN 8Ø COLUMN-CARD, FOLLOWED BY A FICTIVE "CARR.RETURN".

THERE ARE NO TIME-RESTRICTIONS BY USING THIS ROUTINE.

CARDS MUST BE PUNCHED IN NORMAL CARD-CODE FOR ALPHA-NUMERIC CHARACTERS. SPECIAL CHARACTERS MUST BE PUNCHED AS FOLLOWS:

Char	Code		Char	Code
[	11-8-7		-	11
\	12-8-2		.	12-8-3
[	Ø-8-2		/	Ø-1
↑	12-8-7		:	8-2
SPACE	- -		;	11-8-6
!	11-8-2		<	12-8-4
"	8-7		=	8-6
#	8-3		>	Ø-8-6
$	11-8-3		?	Ø-8-7
%	Ø-8-4		"BACK-ARROW"	Ø-8-5
&	12			
'	8-5			
(	12-8-5			
)	11-8-5			
*	11-8-4			
+	12-8-6			
,	Ø-8-3			