



# DECUS

## PROGRAM LIBRARY

DECUS NO.	8-507
TITLE	EEPP (EDITOR EVEN PARITY PUNCH)
AUTHOR	E. D. Shepherd
COMPANY	Plessey Company Limited Ilford, Essex, United Kingdom
DATE	January 8, 1972
SOURCE LANGUAGE	PAL III

DEC 2 1954

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EAPP (EDITOR EVEN PARITY PUNCH)

DECUS Program Library Write-up

DECUS NO. 8-507

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/EAAPP
/EDITOR EVEN PARITY PUNCH.
/TO PUNCH ASCII EVEN PARITY FROM EDITOR 08-ESAC-PB
/(PAL III 8 J JAN 72 SPECIAL PURPOSE MACHINES DEPT
/PLESSEY, ILFORD, U.K. )
*0057
0057 1674          BUFBEQ          /CHANGE BUFFER START
*0115
0115 1674          BUFBEQ
/
/PATCH TO PRINTER ROUTINE
*1147
1147 4750          JMS I .+1
1150 1660          PRINT
/
*1625
1625 0000          PARITY,          0
1626 3255          DCA CHAR
1627 3256          DCA COUNT          /SET COUNT = 0
1630 1255          TAD CHAR
1631 7450          SNA          /BLANK ?
1632 5625          JMP I PARITY          /YES RECORD
1633 7104          ROTATE,          CLL RAL          /NO: COUNT DIGITS
1634 7420          SNL          /LINK = 0 ?
1635 5233          JMP .-2          /YES, BACK TO ROTATE
1636 2256          ISZ COUNT          /NO: COUNT LAST DIGIT
1637 7440          SZA          /IS AC = 0 ?
1640 5233          JMP ROTATE          /NO, BACK TO ROTATE
1641 1256          TAD COUNT          /YES, GET NO OF DIGITS
1642 7010          RAR          /PUT LSD IN LINK
1643 7620          CLA SNL          /IS ODD ?
1644 5253          JMP GET          /NO
1645 1255          TAD CHAR          /YES: CHANGE TO EVEN
1646 0257          AND MASK
1647 7040          CMA
1650 0255          AND CHAR
1651 5625          JMP I PARITY
1652 7402          HLT
1653 1255          GET,          TAD CHAR
1654 5625          JMP I PARITY
1655 0000          CHAR,          0000
1656 0000          COUNT,          0000
1657 0200          MASK,          0200

```



1660	0000	PRINT,	0	/COME HERE FROM EDITOR
1661	4225		JMS PARITY	
1662	6041		TSF	
1663	5262		JMP .-1	
1664	2260		ISZ PRINT	
1665	5660		JMP I PRINT	/RETURN

/  
 /  
 /  
 /  
 /  
 /  
 /  
 /  
 /  
 /

1666	0000	PUNCH,	0	/COME HERE FROM EDITOR
1667	4225		JMS PARITY	
1670	6021		PSF	
1671	5270		JMP .-1	
1672	2266		ISZ PUNCH	
1673	5666		JMP I PUNCH	/RETURN

/  
 BUFBEQ=.  
 /PATCH TO HSP ROUTINE  
 \*1155

1155	4756		JMS I .+1	/REPLACES PSF
1156	1666		PUNCH	/REPLACES JMP.-1

BUFBEQ	1674
CHAR	1655
COUNT	1656
GET	1653
MASK	1657
PARITY	1625
PRINT	1660
PUNCH	1666
ROTATE	1633