

ZP50

DEUCE LIBRARY SERVICE  
ENGLISH ELECTRIC CO. LTD., KIDSGROVE

No. 508

Report No. K/AA t 1338  
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DEUCE Programme No. 508 (ZP50)

Magnetic Tape Initial Card.

SUMMARY.

This programme will rewind and write a record gap, of approximately 128 m.s. length, on the front of all tape decks specified by the parameter card.

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OPERATING INSTRUCTIONS.

This single card programme should be preceded by a normal initial card and is followed by a parameter card, on the Y-row of which are punched  $P_r$ 's ( $1 \leq r \leq 8$ ) if a record gap is required on tape deck  $(r-1)$ . (e.g.  $P_{1,2,8}$  specifies tape decks 0,1 and 7).

NOTE: The programme is stored in D.L.2 which is not cleared on exit.

January, 1960.

D.P. & C.S.D., Kidsgro

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D.L.		Track						
Card Nos.								
mc	A	NIS	S	D	C	W	T	
		20		28	27		16	
		20		28	19		28	
20		22		17	d	10	15	
19		227		24	0		14	
18		226		24	0		27	
17		224		14		23(15)	0	
16		215		24	0		0	
15		22		13		14	17	
14		OP17		0	0		0	
13		4P17		0	1		20	
12		22		17	d	2	24	
11		225		28	0		0	
8		20		2		30	19	
9		20		2		20	8 X	
10		112		24	0		22	
7		231		24	0		2	
6		227		14	0		3	
5		20		15	0		29 X	
4		29		24	0		0	
3		2P17		0	0		0	
2		013		0	0		0	
1		224		14		24(15)	4	
0		215		24	0		1	
31		228		25	0(12)		28	
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

  

*α field*

2 20 2 - 17 d  
 2 26 0 9 - 15 X  
 2 25 9 - 24  
 2 24 27 - 14  
 2 26 25 - 28  
 2 13 (4P) 17 0

*β field*

2 12 2 15 17 17 9, 1 d  
 2 27 27 - 14  
 2 26 25 - 28  
 2 13 (4P) 17 0

Flowchart details:  
 - Top node: 0 WFT [P5] (with 2 (OP) 17 0 - 0 [P5] to the right)  
 - Middle node: 0 [P17] (with 2 (2P) 17 24 - 14 to the left)  
 - Bottom node: 0 [P17] (with 2 (2P) 17 24 - 14 to the left)  
 - Right side nodes: 0 [P5], 16 - 24, 26 - 24, 23 - 13, 13 - 0, 28 - 25  
 - Bottom right node: 24 (with 12 and 31 - 24 nearby)  
 - Labels: SPIN, N2, N, WFT, OP, P, S, D, C, W, T, X, d, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31