

ZP04

NELSON RESEARCH LABORATORIES
STAFFORD E. E. CO. LTD.

NO. 25

NS t 1014

Sheet No.: 1

DEUCE Programme No. 25 (ZP04)

Track Assembly

SUMMARY

This report gives details of a programme which is used to read a block of programmes on to the drum in successive tracks starting at A_0/B_0 .

STAFFORDSHIRE COLLEGE OF TECHNOLOGY
BEACONSIDE
STAFFORD

COMPUTING
DEPARTMENT

DEUCE Programme No. 25 (ZP04)
Track Assembly

OPERATING INSTRUCTIONS

A typical track A/B is defined by the head position A, and the head number B. If the tracks are considered to be numbered as $N = 0-255$, then $N = 16A + B$.

Order of Cards:

Initial Card
Programme Cards 1 to 3
Data Card
Block of Data
New Data Card
Block of Data
etc. until
Block of data
Programme to occupy D.L's.

The Data card has

Y row - Initial track N_0 as Source Number, i.e. P_0
in $P_5 - P_8$ position, A_0 in $P_9 - P_{12}$ position.

X row - Number of tracks to be filled as Source Number.

O row - Non zero if a further block of programmes is
to be read in.

Zero if the next block of programme is the last.

Notes

There are no clear read instructions in the programme. The tracks must be filled before the D.L's. The programme uses D.L.1 and 2.

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N.P.L. 22

D.L. I		Track						
Card No.								
mc	s	D	C	T				
						Y		
						X		
						0		
						1		
0	1	12	24	0	6	2		
1	[1	0	30	1	0	31]	3	
2	[1	0	31	1	0	2]	4	
3	1	20	14	1	1	X	5	
4	0	21	0	0	0		6	
5	1	16	20	0	4		7	
6	1	25	22	1	1	X	8	
7	1	30	1	1	24	23	9	
8	1	0	21	0	2		Y	
9	1	23	14	1	1	4	X	
10	1	20	13	0	1		0	
11	0	21	0	0	0		1	
12	1	21	20	0	2		2	
13	1	1	25	2	12		3	
14	1	13	28	0	9		4	
15	1	25	22	1	1	X	5	
16	1	0	22	0	1	X	6	
17			PS				7	
18	1	1	15	0	1		8	
19	1	0	20	0	2	X	9	
20	2	0	11	30	31	X	Y	
21	1	15	2	1	0	31	X	
22	2	1	2	7	8		0	
23	1	2	24	0	30	X	1	
24	1	21	16	0	0		2	
25	1	20	28	0	12		3	
26	1	1	15	0	1		4	
27	1	13	20	1	8		5	
28			PS-8				6	
29	1	1	21	2	2	4	X	7
30								8
31	1	0	11	30	3	X	9	

