

ZP41  
NELSON RESEARCH LABORATORIES  
STAFFORD E. E. CO. LTD.

No. 362  
NS t 1208  
Sheet No.: 1.

DEUCE Programme No. 363 (ZP41)

Stop and Field Detector.

SUMMARY

This one card programme was prepared and tested at N.R.L. Blackheath. After reading this card the machine will stop either if the stop key is at STOP or if (on 32/64 column readers) the reader is switched to 64 column read. Reading in is continued after correcting the fault.

DEUCE Programme No. 363 (ZP41)

Stop and Field Detector.

OPERATING INSTRUCTIONS.

This one card programme, which should be the first card in a 32 column programme pack, is read with the Initial Input Key. If the machine is on NORMAL and the reader switched to 32 column, reading continues normally. If the machine is on STOP or the reader switched to 64 column the reader stops and the following action must be taken:

- (1) 12-24X, no buzzer : Put Stop Key to NORMAL.
- (2) 12-24X, with buzzer : Put Field Switch to 32 column and give Single Shot.
- (3) 7-24X: Put Stop Key to NORMAL and machine goes to (2) above.

Programme Card.

Row	<u>32 Col. Read.</u>					<u>64 Col. read.</u>				
Y	8,	0-0	0	0	X	8	0-0	0	0	X
X	8,	0-8	8	0	X	8	0-0	1(4)	0	X
0	(1)8,	12-24	0	0		8	1-6	3	0	X
1	8,	0-8	6	0	X	8	0-0	1(3)	0	X
2	(1)8,	30-8	1	1	0	8	1-15	21	0	X
3	8,	0-0	4	0	X	8	0-0	0(2)	0	X
4						(P <sub>54</sub> ) 8	0-8	0	28	X
5						8	30-8	1	1	0
6						8	0-8	1	28	X
7						8	12-24	0	29	X
8						8	0-8	2	2	X
9						(col.1) 8	7-24	0	29	

Col. 1 indicates punching in Hollerith column 1, which is used to switch off the reader in 64 column working.

Rows 4-9 of card are ignored on 32 column working.