

RUNNING MENUS

Possible ways of running a given menu are as follows :-

- 1) Single input
- 2) Double input
- 3) Definite s.s. assumption
- 4) At least 1 s.s.
- 5) At least 2 s.s. etc.
- 6) At least 1 confirmation
- 7) Story must tack on
- 8) 25 - 1 on subsidiary chain
- 9) 24 - 1 -1 on subsidiary chain

These ways are managed differently on the various types of super Jumbo - e.g. there might be a scanner or a 25 - 1 input on the main or subsidiary input.

We take the hypothetical specification of the machines as follows :-

1] Ordinary Jumbo - unmodified except for the possibility of scanning and testing on two chains successively.

2] Mammoth B

- a) We normally assume 25 - 1 grouping on the main chain at least : on a pause the entry line is switched to the straight.
- b) Machine gunning on the main chain while running.
- c) Machine gunning on all chains on a pause.
- d) Diagonal selection while running - by plugging the diagonal relays.
- e) Subsidiary chain control on a pause.
- f) Ordinary double input if necessary - the subsidiary input being possibly 25 - 1 or 24 - 1 - 1.

3] Mammoth A

- a) We normally assume 25 - 1 grouping on the main chain at least : on a pause the entry line is switched to the straight.
- b) The machine pauses for every straight.
- c) Machine gunning of all chains on a pause.
- d) Diagonal selection on a pause
- e) Subsidiary chain control on a pause.
- f) Ordinary double input if necessary - the subsidiary input being possibly 25 - 1 or 24 - 1 - 1.

4] Baby Jumbo

- a) Subsidiary chain control while running - by means of plugging
- b) Confirmation control while running - by means of plugging
- c) Diagonal selection while running - by means of plugging
- d) Ordinary machine gunning after a stop.
- e) Scanner on the main chain - possibly on both.

This machine to be used generally over a small range in conjunction with the Quagga. It will have some sort of a hand control for weak menus.

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N.B. Straights on the current entry line

For Mammoth B and Baby Jumbo part of the testing is done by negative (i.e. not - energised) relays while the machine is running. To deal with straights on the current entry line two courses are possible :-

- (i) We may simply ignore them by taking a slight additional risk and by arranging that the machine will not stop (or pause) for such a straight (i.e. when 25 relays are up).
- input or (ii) We may arrange that the machine shall always stop (or pause) for such a straight no matter whether the other conditions (i.e. machine gunning on main chain for Mammoth B, or tacking on, confirmations etc. for Baby Jumbo ) are fulfilled.

In this case Mammoth B would test in the ordinary way on all chains on the pause , and we should simply get more pauses; Baby Jumbo would have more stops and also more stories most of which would not fulfil the required conditions.

In short, therefore, we may either take an additional risk or get a lot of “bogus” stops or stories - which will be about 1/26 th. of the whole. On any machine we should be able to do either of these things.

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