

Impossible Developments V. Application to present work

Since the previous notes on this subject were written the developments in the Red situation have thrown new lights on the possible practical applications of the idea.

The best red crib is now UEBUNGSSPRSSYY of which several examples are received each day. Only a few of these are actually runnable on a Jumbo and although this seems to give a fair chance of getting the day out it will not always work. Working however on the two crib idea with a Mammoth (if such a beast ever comes to life), practically every message would be runnable, and it should be practically certain of breaking every day in this crib by this means if it failed to come out on the Jumbos.

This incidentally is the most favourable case for the use of two crib technique and would be workable even without special sorting machinery, as, since all cribs say the same thing, most menus would have a number of letters in common and the results on any two given menus could be compared on an ordinary sorting machine.

It is quite possible that this technique could also be extended to the Kite where the beginner "An Armeé Intendant" shows promise of being rather powerful. On the Borfrovaeh too we have already had on two occasions two messages with an initial 17 letter repeat. If this ever comes out we may be able to see a use for the idea here.

An analysis of the Uehungssprach messages for 1/1/42 is appended, complete with the proposed menus.

Dec 1stUetungssprechen

12 possible messages. 11 right in principle* of which only one (or possibly two) is runnable on a Jumbo. 9 of the correct ones would be runnable on a Mammoth on the two crib principle, and the incorrect one might possibly run.

* i.e. they are meant to say UEBUNGSSPRUQYY but there may have been an error of interception

B list No.

Menu

L Nos. used

44

71 + 30 + 20

(12)

39

D.I. 80 + 50 + 21 + 20

(14)

56

90 + 50 + 20 + 20

(14)

69

80 + 30 + 30 + 20 + 20 + 20

(14)

57

90 + 40 + 30

(14)

49

110 + 40

(14)

88

81 + 30 + 30 + 10

(13)

87**

81 + 30 + 20

(11)

86

71 + 50 + 30 + 20

(14)

85

100 + 40

(12)

82

(wrong crib) 51 + 60 + 3 + 2 Barely runnable

(14)

123

60 + 50 + 40 + 30

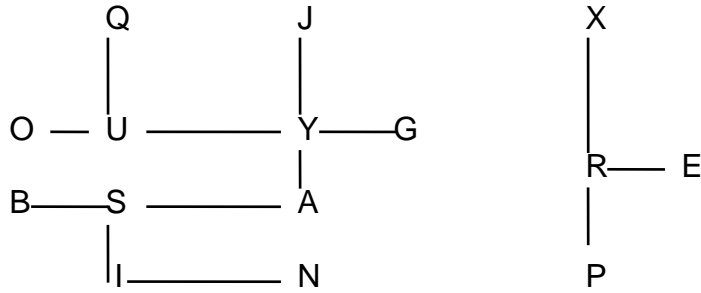
(14)

82

(Crib wrong) 50 + 60+3 + 3 (barely runnable)

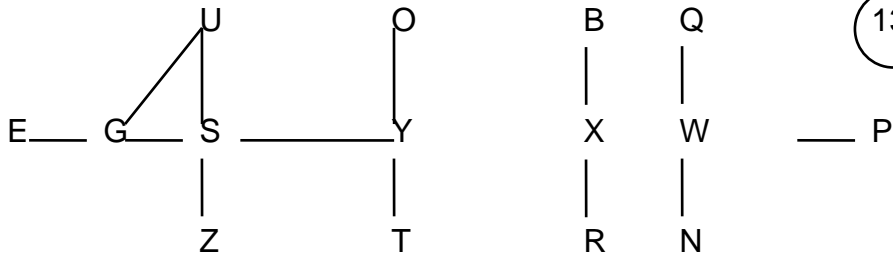
** Denotes that crib is Jumboable

49



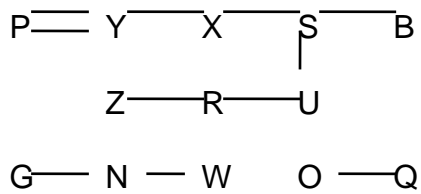
14

88



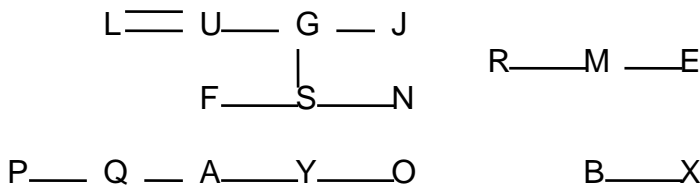
13

87*



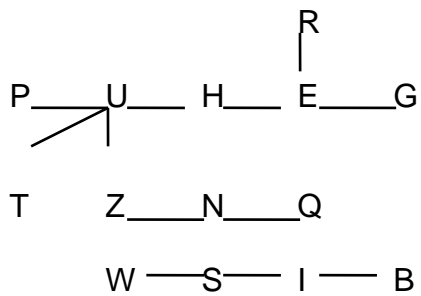
11

86



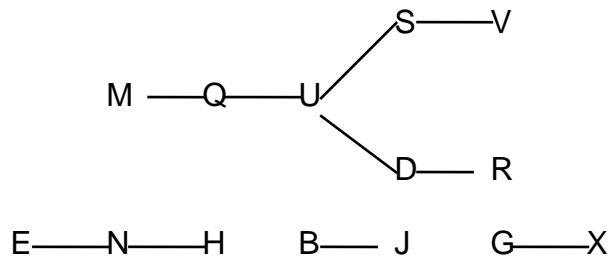
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85



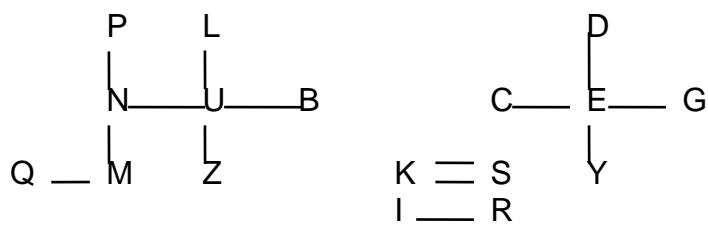
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44



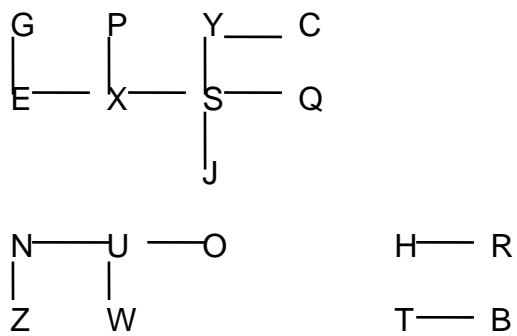
12

39



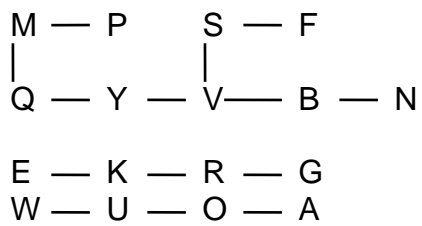
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56



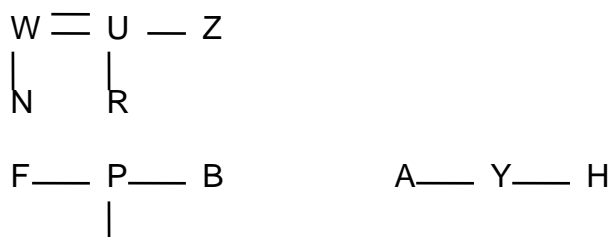
14

57



14

82



S — G — V

M — Q

