

NATIONAL INDOOR RALLY CHAMPIONSHIP

MAP 149

JANUARY RALLY.

PART A Gives a rally route which can be marked onto map 149.

PART B Contains navigational questions concerning the route.

PART C Contains questions about timing and service on the rally.

Each question or part question scores 1 mark for a correct answer. Maximum score = 40

Ties will be decided by the best scores on those questions marked with *

Time allowed = 1 hour 30 mins.

PART A - THE ROUTE

MAP EDITION USED: B (1969)

TC = Time Control. PC = Passage Control. SS = Special Stage. SH = Spot Height.

These 1 Km. squares are out of bounds: 8123, 8316, 8817, 9719.

- RULES**
- a) No part of the route may use a road twice, not even to cross the route.
 - b) All roads leading to the edge of the map are treated as dead ends.
 - c) Neither the GCR's nor the SSR's of the RAC apply to this event.
 - d) All route information is given in the correct order.
 - e) Distances given must be assumed to be correct.
 - f) Follow the shortest route based on the information given.
 - g) Assume all white roads are 'goers', even if your local knowledge tells you otherwise.
 - h) The routes within SS are not given and should not be necessary.

TC	SS	ROUTE INFORMATION
TC 1		(Start) Colchester Town Hall (996252).
		Leave Colchester on B 1026. Via 974205 (approach from N), and 985202 (approach from NW) to SS 1.
	SS 1	Start: 982186 (depart to NE) Finish: 964172.
		Via 948175 & 935183. Turn R at next crossroads. Approach Start SS 2 from SE.
	SS 2	Start: 922190. Finish: 912202.
		Pass through Messing. Via 876181 (approach from ENE), 840157, 826160 to SS 3.
	SS 3	Start: 823195. Finish: 828213 (depart to WNW).
		Via 814219 & 801224 to TC 2.
TC 2		796233 (approach from ESE). TC 2 is at PH.
		Via SH 107, 175, 227 and 226 to SS4.
	SS 4	Start: 830256 (approach from SSW) Finish: 852256.
		B 1024 to Earls Colne. Leave Earls Colne on A 604 and turn L at the first junction after the RAC box on Stonebridge Hill. Via 825282, 800285 and 786283. Via SH 226 to SS 5.
	SS 5	Start: 764299 (approach from S). Finish: 748314.
		Via 733385, via SH 268, 227, 275, to TC 3.
TC 3		724428 (approach from S)
		Cross under a disused railway to SS 6.
	SS 6	Start: 733446. Finish: 749452.
		TR at Finish SS 6, TL at A 1092 and via SH 146, 164, 194 and 226 to SS 7.
	SS 7	Start: 770490 (depart to WSW) Finish: 773516.
		Via SH 243, pass a church with a tower and a disused windmill. Via 222, 268, 277, 241, to start SS 8.
	SS 8	Start 824547 (depart to S) Finish: 828525.
		TL after SS 8 and TR at next crossroads. B 1066, A 1092, and A 134 to TC 4.
TC 4		(Finish) 868468 (approach from SSW).

DISTANCES & TIMES ALLOWED:

TC 1 to TC 2:	37 miles	- 1 hour 15 mins.
TC 2 to TC 3:	31 miles	- 1 hour 00 mins.
TC 3 to TC 4:	26 miles	- 0 hours 50 mins.

SPECIAL STAGES:

	<u>Distance</u>	<u>Surface</u>	<u>Target time</u>
SS 1	6.0 miles	Tarmac	5 m. 00 secs.
SS 2	2.0 miles	Tarmac	2 m. 00 secs.
SS 3	4.0 miles	Dirt	4 m. 00 secs.
SS 4	4.0 miles	Dirt	4 m. 00 secs.
SS 5	3.0 miles	Tarmac	3 m. 00 secs.
SS 6	3.0 miles	Dirt	3 m. 00 secs.
SS 7	3.0 miles	Tarmac	3 m. 00 secs.
SS 8	2.0 miles	Dirt	2 m. 00 secs.

PART B - NAVIGATION

Questions

Answers

1. PC 1 is at the first point after SS 1 where an electricity transmission line crosses the route. What is the reference of PC 1?
2. PC 2 is at the highest SH on the route between SS 2 and SS 3. What is its reference?
3. PC 3 is 3.6 miles from Braintree Town Hall and 5.2 miles from Kelvedon Station. It is between SS 3 and SS 4. What is the reference of PC 3?
4. PC 4 is between SS 4 and SS 5. Draw a line from the island in Gosfield Lake to the most southerly public house in Sq. 9023. This line will cross the route in several places and PC 4 is at the crossing nearest to a milestone. Counting from W to E, at which crossing will PC 4 be located?
5. PC 5 is 2.3 miles grid W of the intersection of latitude 52° N and longitude $0^{\circ} 35'$ E. What is the reference of PC 5?
6. Using the base of the map symbol in each case, draw lines from the windpump in Sq. 7648 to the windpumps in Sqs. 7846 and 7643. Draw a third line from the 7846 windpump to the disused windmill in 7547. PC 6 is on the route within the triangle which these three lines form and is at an altitude of exactly 200 ft. What is the reference of PC 6?
7. PC 7 (between SS 7 and SS 8) is 1.7 Kms. due N of Somerton church. How far is it in a straight line from Stansfield church? (measure in miles for the answer and measure from the base of the symbol in each case).
8. PC 8 is at the most westerly point on the route between the end of SS 8 and the finish. Is this point lower or higher than the finish of SS 8?
9. * SS 4 is cancelled. From TC 2 go via 798254 (approach from S) Turn L at the next junction, R at the following junction and so on, turning alternately L and R at successive junctions but ignoring dead ends. Where the choice is between a turn and a SO take the road which is most to the L or most to the R as the case may be. Counting the L at the first junction, what is the total number of L and R turns you will make to reach the start of SS 5?
If PC 4 is to be in the same 1 Km. Sq. as it was on the original route and is to be at a junction, what will its reference now be?
What is the reference of the most westerly point you will reach before the start of SS 5?

a)
b)
c)

