



## ROUTE EXPLANATION

### LEG 4

TC30 to TC31

#### Novice

TC 30 (223532→E)

to TC 31 (261519)

CRO

**Pass five SH's totalling 566**

#### Expert

TC 30 (223532→E)

to TC 31 (261519)

CRO

**Pass through spot heights equal to the sum of the numbers in grid squares 2444, 1843, 1848 and 1945**

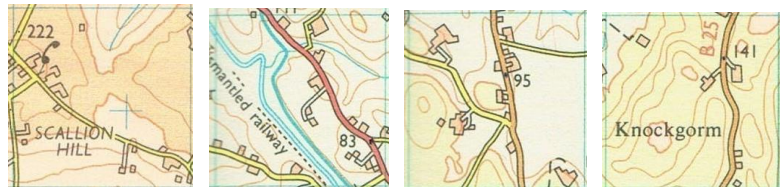
#### Explanation

Spot height totals for both classes here, though the Experts also have to work out their total first.

For the Novices you can make your search easier if you notice that you have to pass SH91 before you get to a CRO junction after leaving TC30, and that you will pass SH95 just before you get to TC31. So now your search is for three SH's totalling 380 - much easier. From there you really just have to find the SH options in the area, and see if you can find 3 to match your new target total. During the elimination, you should use the shortcut of adding just the final digits of the 3 SH's to see if the final digit of that total matches the final digit of your target total. You should get to SH's 97, 144 and 139 to add to the 91 and 95 you have already identified.

Once you have got those 5 SH's and are constructing your route, you also have to spot that approaching SH 97 from the north via Summer Hill is shorter than approaching that SH from the south and heading to SH 144 via Drumaknockan and Hill Head.

The Experts first have to calculate the total by adding the numbers in these grid squares:



The total of the spot heights in there is 541. But it is numbers (and not just spot heights) that you should be adding, so you must also include the 25 (road number) in the final one, to make a total of 566.

If you missed the road number you will probably be trying to construct a route which includes SH 119 rather than SH144. There is certainly a route there, but it is not the correct one.

If you have the correct total you still have to spot that the shortest route is via Summer Hill and not Hill Head.

