



ROUTE EXPLANATION

LEG 4

TC29 to TC30

Novice

TC 29 (228509→NE) to TC 30 (223532)

AR

325812 dna 54150922 DIOVA

Expert

TC 29 (228509→NE) to TC 30

AR

TC 2 to TC 3 : 6 5 5 6 7 4 4 8 4

Explanation

The Novice clue doesn't make much sense until you notice (hopefully quite quickly) that DIOVA is AVOID written backwards. Read the whole clue backwards and it becomes:

AVOID 22905145 and 218523

So you have to plot a route to TC30 which avoids those two map references.

There are two alternative routes which would approach the control from the wrong direction but the one via Lagan Bridge is clearly longer than the correct route as long as you spot the white loop to avoid the first MR. And the other via Lurganbane is also longer, though you may have to measure it to confirm.

The Expert instruction starts "TC2 to TC3". But this section is TC29 to TC30. So how do you get from 29 to 2, and from 30 to 3?

Adding the digits is a common trick, and it works for the 30 i.e. $3 + 0 = 3$. But by the same formula $29 = 11$ and not 2. At least until you spot that 29 does equal 2 by the same formula if 29 becomes $2 + 9 = 11$, and $11 = 1 + 1 = 2$. So if your first addition of the digits results in something other than a single digit number, you have to keep adding the digits together until you get a single digit answer. The fact that the numbers in the instruction are all single digits may also point you in that direction. So on this basis, from TC29:

6 is GL 51

5 is GL 23

5 has to be GL 23 again because the other exits from that GS would be a 6 (GL 51 or GL 24)

6 must be something other than a GL as the next one would be either 5 (GL 23) or 7 (GL 52). And it doesn't look like a SH because 106 would become a 7. Until you notice that SH 106 can be avoided on the white loop and that $SH\ 96 = 15 = 6$.

7 is GL 52

4 is GL 22

4 looks like it might be GL 22 again, but you don't get there until after crossing GL 53. So the 4 must be $SH\ 94 = 13 = 4$.

8 is GL 53; and

4 must mean TR on to the brown to cross GL 22 again.

