



## ROUTE EXPLANATION

### LEG 8

TC56 to TC57

#### Novice

TC 56 (182607→SW) to TC 57 (144658)

AR

Include these tracings in your route



**Expert** - see next page

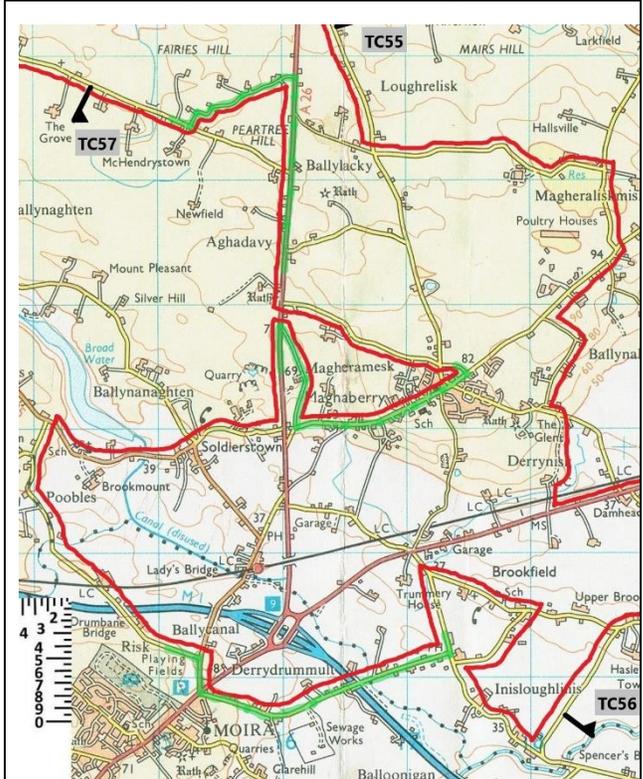
Some simple tracings for the Novices, though care is required at a couple of places to get the correct route. And note that the instruction says “include” so you should not necessarily expect the tracings to cover the whole route – you may also have to plot some connecting sections.

The tracings are highlighted on this solution map. They are all correctly orientated and scaled on the instruction without any mirroring or other tricks, but you do have to be careful with the following:

With the first tracing, note that it starts (at its eastern end) with a short section heading south, so you first of all have to go round the loop to use all of the tracing and approach the junction from the correct direction.

On the second tracing, make sure you trace (or measure) accurately to take your route around by SH82, and not turn left at the earlier cross-roads.

Have a look at the Expert instruction where we try another variation on the “detour” theme.



Tracings with Overlaps

1. First plot the shortest route to TC57 to include all of the tracings. Note that the tracings do not include all of the route. Also note that some of the tracings overlap – mark these overlapping sections accurately.
2. Next plot detours so that the route avoids the overlaps. Apart from avoiding the overlaps, the detours should cut out as little of the tracings as possible.
3. Your final route, including the detours, should therefore be as short as possible but, as a priority, include as much of the non-overlapping parts of the tracings as possible.



Here we have another variation on the detour theme, this time with the detours having to be constructed around sections of the road where the tracings overlap. On this map the tracings are highlighted in green, with the overlaps shown in orange. There are four overlaps which need to be avoided.

From the start of the section the first thing to note is to take the loop to pick up the start of the first tracing. Next you have to turn left at the last junction before the first orange overlap, re-joining the green tracing route at the first junction after the orange section.

At the next overlap you have to detour north (via spotheights 71 and 69) because the detour to the south, although a shorter overall route, would omit more of the green tracing.

The next overlap is a very short section, and must be avoided via SH82 (rather than via the white road, turning left just before the school) to maximise the green route (the section which passes the school) retained in your final route.

The final detour is perhaps the trickiest. After SH82 the options are to go XSO and then TR at the red road to re-join the green route at the southern “A”, or to go XR and then XL to re-join the green route at the northern “A”, near Peartree Hill. The requirement to omit as little as possible of the original (green) route means that this comes down to going via whichever of section AA or section BB is longer. Despite first appearances, AA is longer so that means that XSO at the crossroads after SH82 is the correct route.

