

GLOBAL RALLY

GETTING STARTED WITH ROADBOOK NAVIGATION



GLOBAL RALLY

03 WHAT IS A GLOBAL RALLY 'CHALLENGE'?

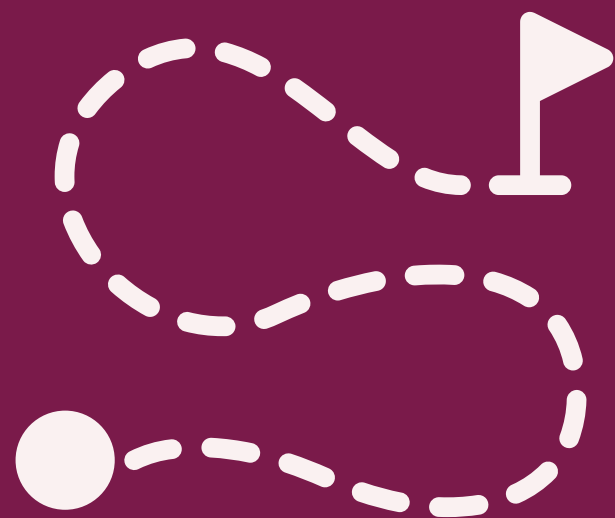
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WHAT IS A 'CHALLENGE'?

Global Rally 'Challenges' are navigation events that anyone can do in a legal street car. They typically include excellent driving routes and great pit stops, making for a scenic and enjoyable driving experience for both driver and navigator.

The events are navigated using an app-based digital roadbook, with the emphasis being on accurate navigation rather than speed.

You don't get to see the whole route ahead as you navigate waypoint to waypoint, making it a real adventure!



SPLIT INTO 10 INDIVIDUAL STAGES

- The Challenges are often split into stages, so you can start them from any of the start locations around the UK. Each route is individually scored for the challenge.

ROADBOOK CHALLENGE

- Well actually, a digital roadbook to be precise. The events are run through the Global Rally app and your navigation, adherence to speed zones and top speed is monitored by our GPS tracking system.

DRIVE THE STAGES IN YOUR OWN TIME!

- The Challenges are generally run over a certain time period and you can do any of the stages in your own time within that period. You can do one route one weekend and carry on the next weekend. You do not have to do the routes in order and you can start at any time of day you like – even 3am if you want to!

ONLINE LEAGUE TABLE

- The scoring for your challenge will be displayed online on the League Tables so you can see how you compare to your friends and fellow drivers. The participants with the lowest (best) scores will appear in the Overall League table.

GLOBAL RALLY

HOW TO NAVIGATE USING A ROADBOOK

WHAT IS A ROADBOOK?

A roadbook is a diagrammatic representation of the route and interpreted so you are able to navigate across any type of terrain.

It is traditionally presented as a roll of paper, however in recent years digital roadbooks have become a standard at many rally events. The Mille GT is navigated using our very own dedicated roadbook app.

The roadbook is created by the organisational team and is the essential route navigation guide.

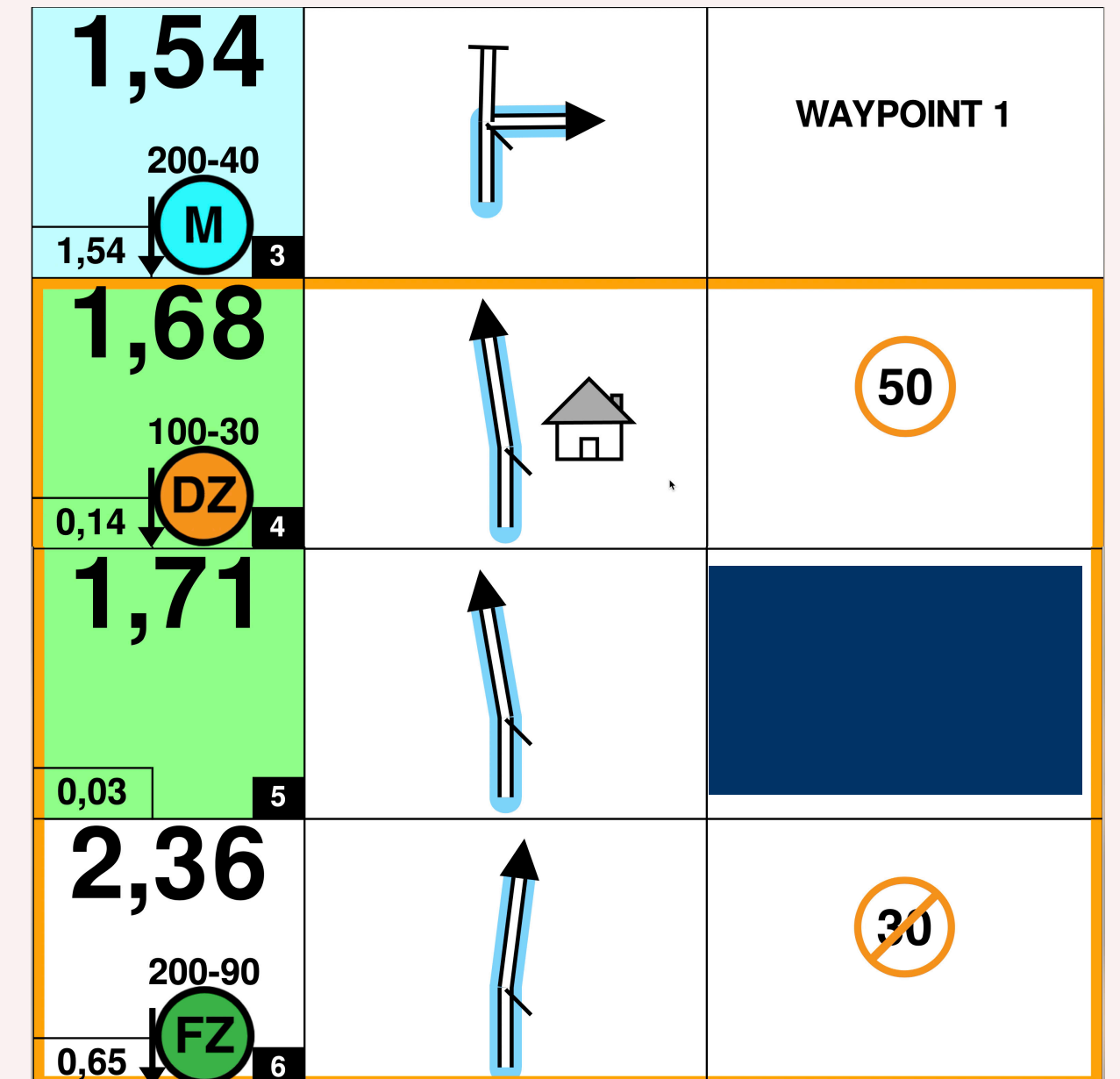
The roadbook consists of instructions with the direction indicated by tulip diagrams, (sometimes referred to as "ball and arrow") at each direction change on the roadbook.

The roadbook gives a diagrammatic representation of the direction change at a specific distance.

The driver should be seeing the road and the direction to take at the distance marker, as indicated on the roadbook.

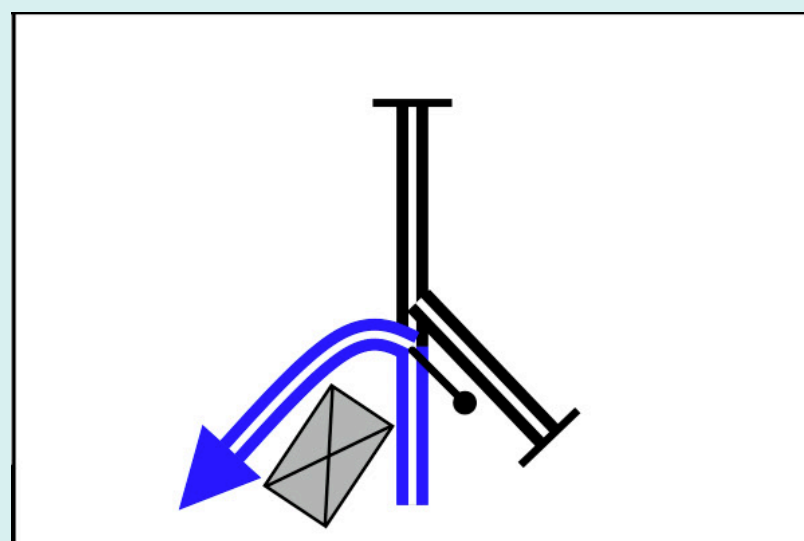
Some key features will be noted on the roadbook to aid navigation along with potential dangers.

Participants would be instructed to religiously follow the kilometers on the left hand side to ensure that they were at the correct point for a direction change.



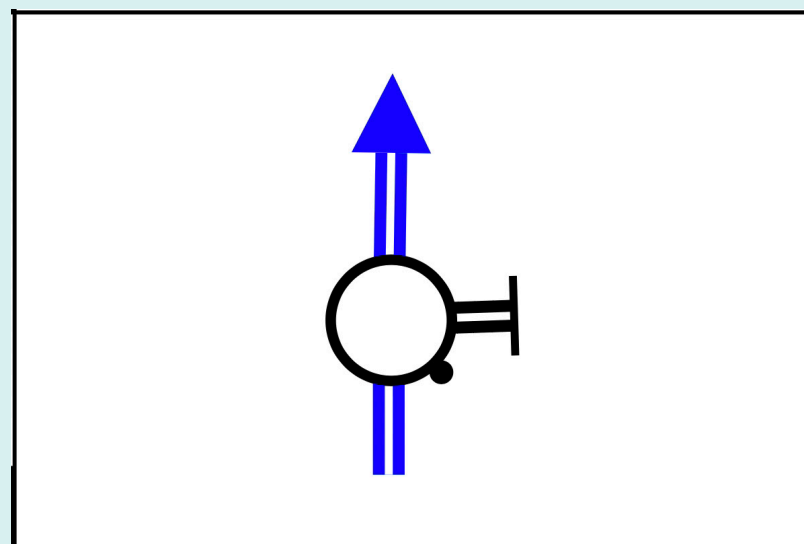
HOW TULIP DIAGRAMS WORK

Tulip diagrams are pretty simple, they are a diagrammatic representation of what a driver should be seeing at a given kilometre on the roadbook.



Example A

The driver approaches from the bottom of the box (the 6 o'clock position). They are to take the sharp turn to the left, after they see the building on the left, and just before the right hand junction.



Example B

The driver approaches from the bottom of the box (the 6 o'clock position). They are to take the second exit on the roundabout, carrying on straight ahead.

GOLDEN RULE:

With the tulip system, the diagram in the roadbook, you will always approach the navigation point from the bottom of the box (6 o'clock position), so any direction change or junction will be laid out in the diagrams as you see it when you approach the instruction



THE ANATOMY OF A TYPICAL ROADBOOK

THE ROADBOOK HEADER

ORGANISER/EVENT LOGO



ROADBOOK TITLE

MILLET GT 1000

TOTAL KM

192
Kilometers

NO OF NAVIGATION
POINTS

294
Waypoints

MAX DISTANCE BETWEEN
FUEL STOPS

84
Fuel Range

START & FINISH POINT

START
39°54.667'N
8°07.812'W

FINISH
39°54.665'N
8°07.816'W

DISCLAIMER

WARNING!!!
THIS ROUTE MAY BE DANGEROUS. FOLLOW THIS ROUTE AT YOUR OWN RISK.
Conditions change over time. Route leads to remote areas many miles from help. This is not a "closed" course. The route crosses and travels on public roads and highways where other vehicles, pedestrians, and animals may be present. Some hazards are identified here, for illustration purposes only, but most hazards are not identified or marked. Information provided is approximate, and should not be considered precise. Obey all laws and use caution at all times. If signs, maps, or other indicators suggest the route travels into closed, illegal, private property, or otherwise restricted areas, this roadbook should not be followed into such areas.
RALLY NAVIGATOR IS NOT RESPONSIBLE FOR THE ACCURACY OR SAFETY OF THIS ROUTE.

THE ROUTE INSTRUCTION LAYOUT

START POINT; EITHER AT
THE BEGINNING OF THE
ROADBOOK OR THE START
OF A NEW SECTION OR STAGE

0,00
0.00 mi

WAYPOINT OR BOX NUMBER

0,00 1

DISTANCE IN KM TO INSTRUCTION

0,08
0.05 mi

TULIP DIAGRAM OF DIRECTION
TO FOLLOW

DISTANCE IN MILES
(NOT ALWAYS SHOWN)

0,19
0.12 mi

INTERVAL BETWEEN
WAYPOINTS
(PREVIOUS BOX)

0,11 2

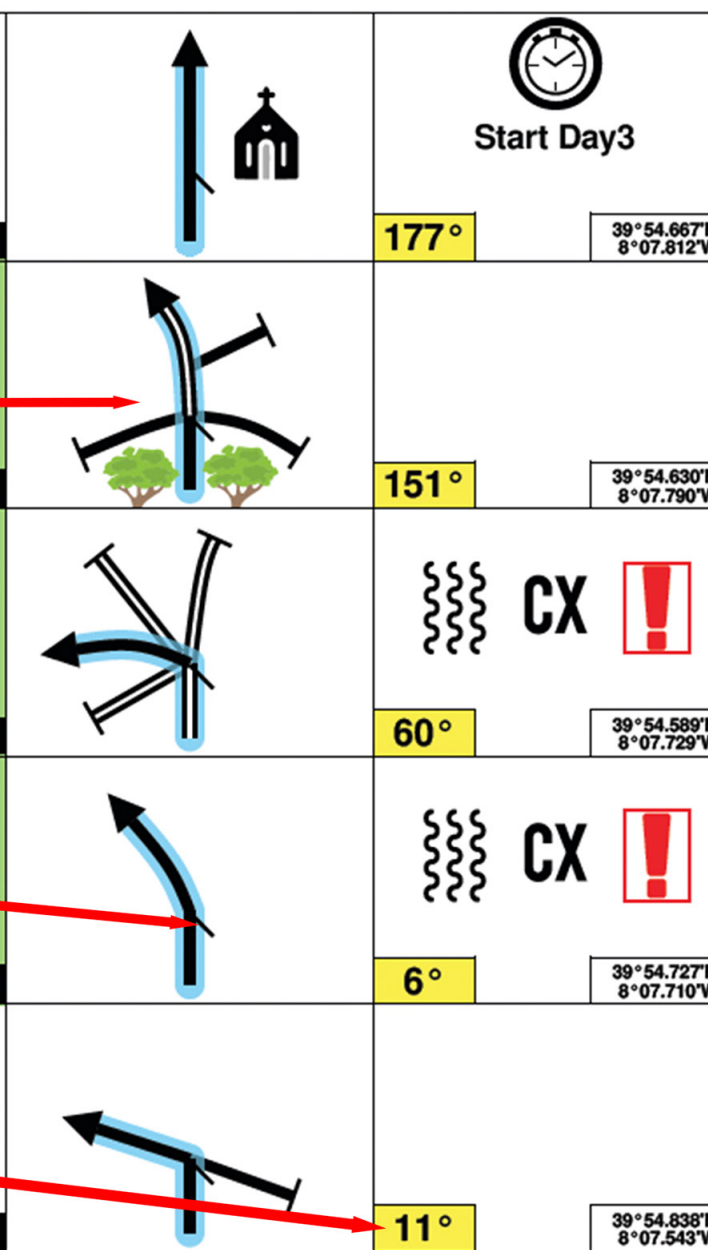
POINT THE DISTANCE AND
BEARING (CAP) IS TAKEN AT -
MARKED AS A SMALL LINE

0,47
0.29 mi

BEARING (CAP) HEADING AS
YOU EXIT JUNCTION.

0,85
0.53 mi

0,38 5



COMMON SIGNS AND SYMBOLS

There are a few key signs and symbols that are used frequently and you should get to know these rather than trying to learn all of them.

We have split them down into sections for ease of understanding.



Main Dual Carriageway or Motorway



Main Road - usually tarmac



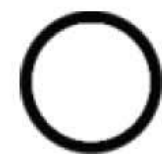
Large Track or Fire Road



Small Track / Single Track



Off track - across open ground with no visible track to follow / Off Piste



Roundabout - will have the roads entering and leaving marked.

INSTRUCTION SYMBOLS

These will probably take a bit more to learn as they are not so obvious and their origin is French.

It is worth learning these basic instructional symbols.



Stop - sometimes combined with "Imperative" symbol below where penalty points can be added if the instruction is ignored

IMP

Imperative - You must comply with these and penalties are usually associated with non-compliance.



Example: Imperative Stop

MVS

Bad - usually combined with another symbol i.e. "Bad Rocky"



Example: Bad Rocky

NBX

Many - again combined with symbols such as Rocks, Ruts, Ditches etc

Q^T

Quit or Leave - often used with another symbol

PP

Principal Piste or Main Track

Q^TPP

Example: Means "Leave the main Track"

P

Piste or Track

HP

Off Piste or Off track - usually there is no track to follow and this can be used in conjunction with a bearing (CAP) heading. Also route direction will be shown as a dotted arrow.

CAP

CAP - french for compass bearing - typically follow compass bearing and the bearing or CAP figure will be shown in the roadbook.

E3

Track narrows

SER

Tight - as in a tight turn

RLT

Slowly - go slowly - not usually penalised

S

Twisty track ahead

±V

Track is hard to see - a good one to note and learn

SPEED CONTROL SYMBOLS



Start of speed restriction zone - usually shown with Speed restriction



Speed restriction figure usually in km/h (20, 30, 40, 50, 60 etc)



Example: Start of Speed zone - limit 30km/h



End of Speed restriction zone

ORGANISATIONAL SYMBOLS



Check Point



Check Point - both symbols are used - they mean the same thing



Reset odometer to 00.00 - usually at the start of a stage or at a check



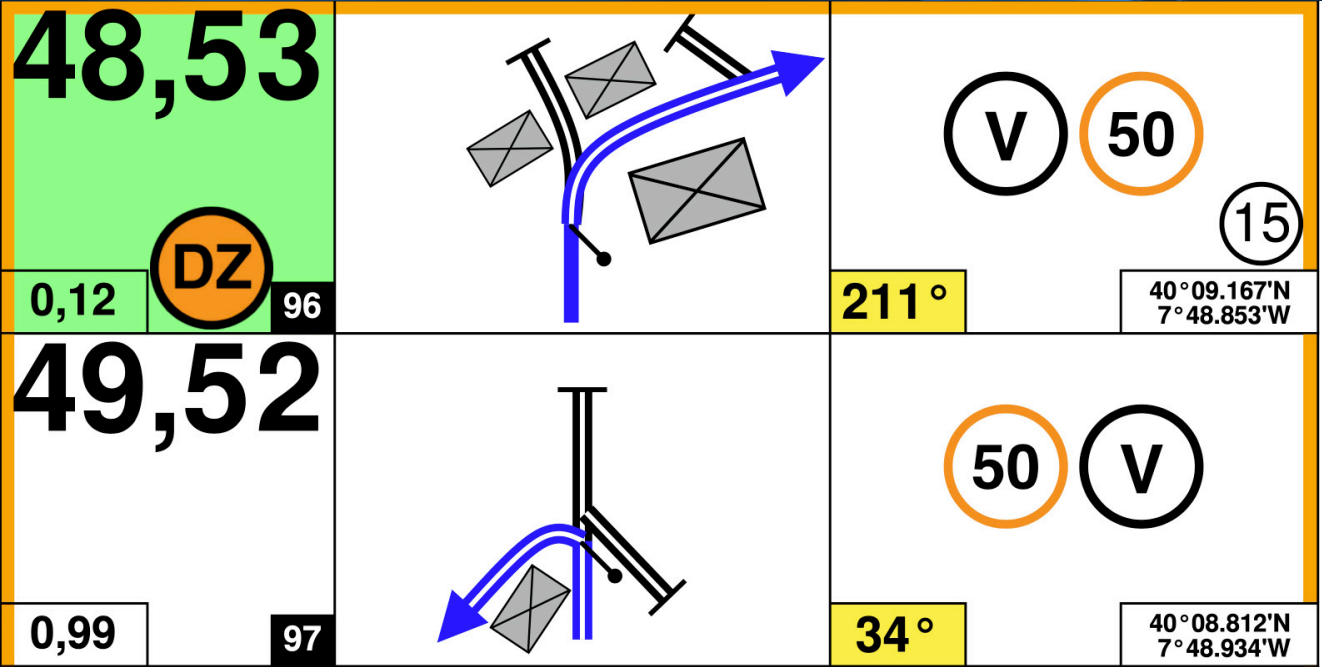
Fuel Stop - nice easy one!



Time control or Start of a timed section



End of a timed section



THE DIGITAL ROADBOOK APP

The app contains in it everything you need to navigate the challenge.

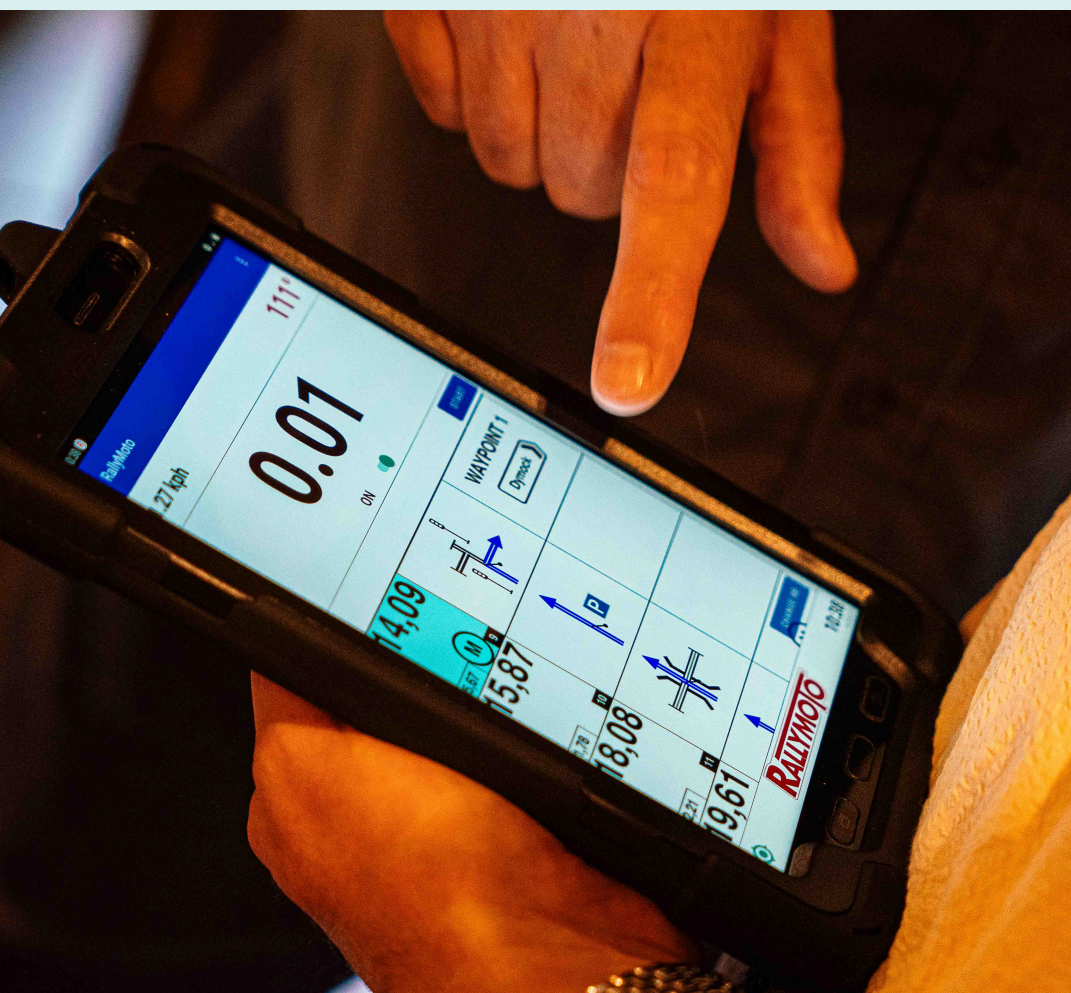
Once the app is downloaded and installed into your device, you will be able to access the different routes available and load them on to the main page.

The trip meter is displayed in large format at the top of the screen. Tap either side of the trip meter to adjust it up or down if needed.

The roadbook itself is scrolled using the touch screen or remote bluetooth device.

WHAT DO I NEED TO GET STARTED?

- An android device such as a tablet or smart phone with a large screen for ease of viewing.
- A sim card installed into the device to enable the GPS tracking to function.
- A trusty navigator in the passenger seat!



***Get ready for a whole new
driving adventure.***

globalrally.co.uk

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