Suffolk Riders Navigation Help

Part 4 of 5 - Transferring a route to your unit

We are now in possession of a route to be proud of. What do we do with it to keep it? How do we get it across to our Garmin?

This depends on what you intend to do with it.

Is it a one-off ride that you probably won't use again?

Do you want to keep it on your unit for future repeat usage?

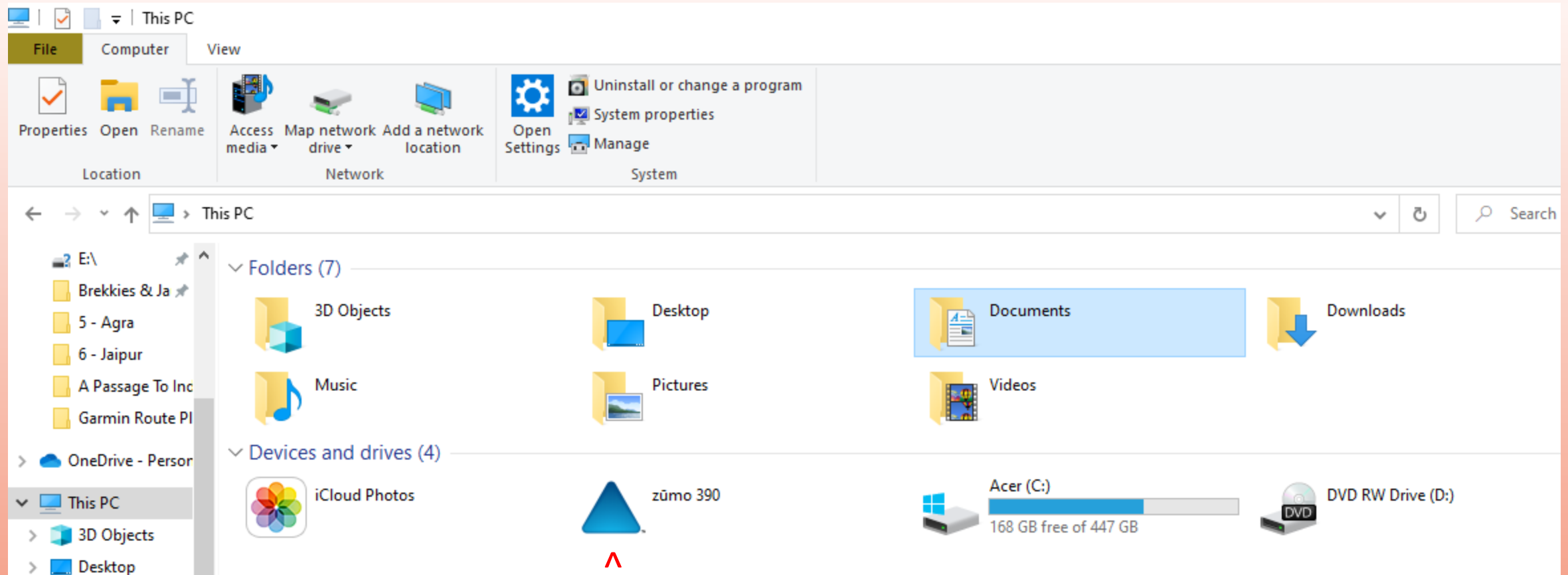
We now have a choice of two paths we can take in order to get it across to our GPS unit

1. Export it directly to the internal memory of your GPS unit
2. Transfer it to a micro SD card via a gpx file on your 'puter device

Obviously (???????) You now need to connect your unit to your computer with it's USB lead

You must stay aware that the amount of spare space on the older models Garmins internal memory is quite tiny. You will fill it with about half a dozen trips on it. The way round this is to use a Micro SD memory card. You don’t need a huge capacity one. A cheap and cheerful 4gb is more than adequate although the standard sizes seem to be getting larger and larger.

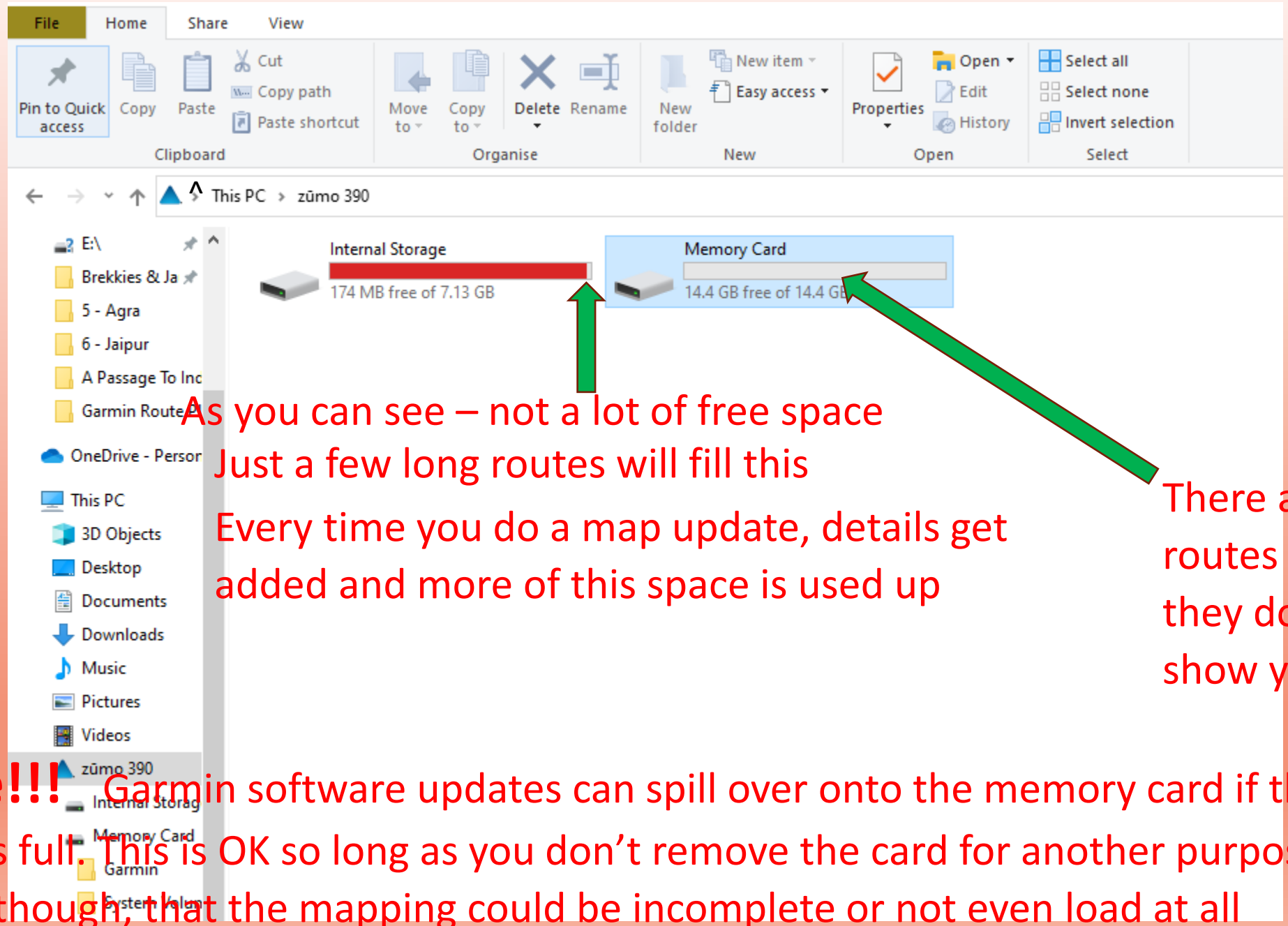
I gather that the ‘New’ Garmin Zumo XT carries its own gloomy cloud around with it and hides routes in there.



^

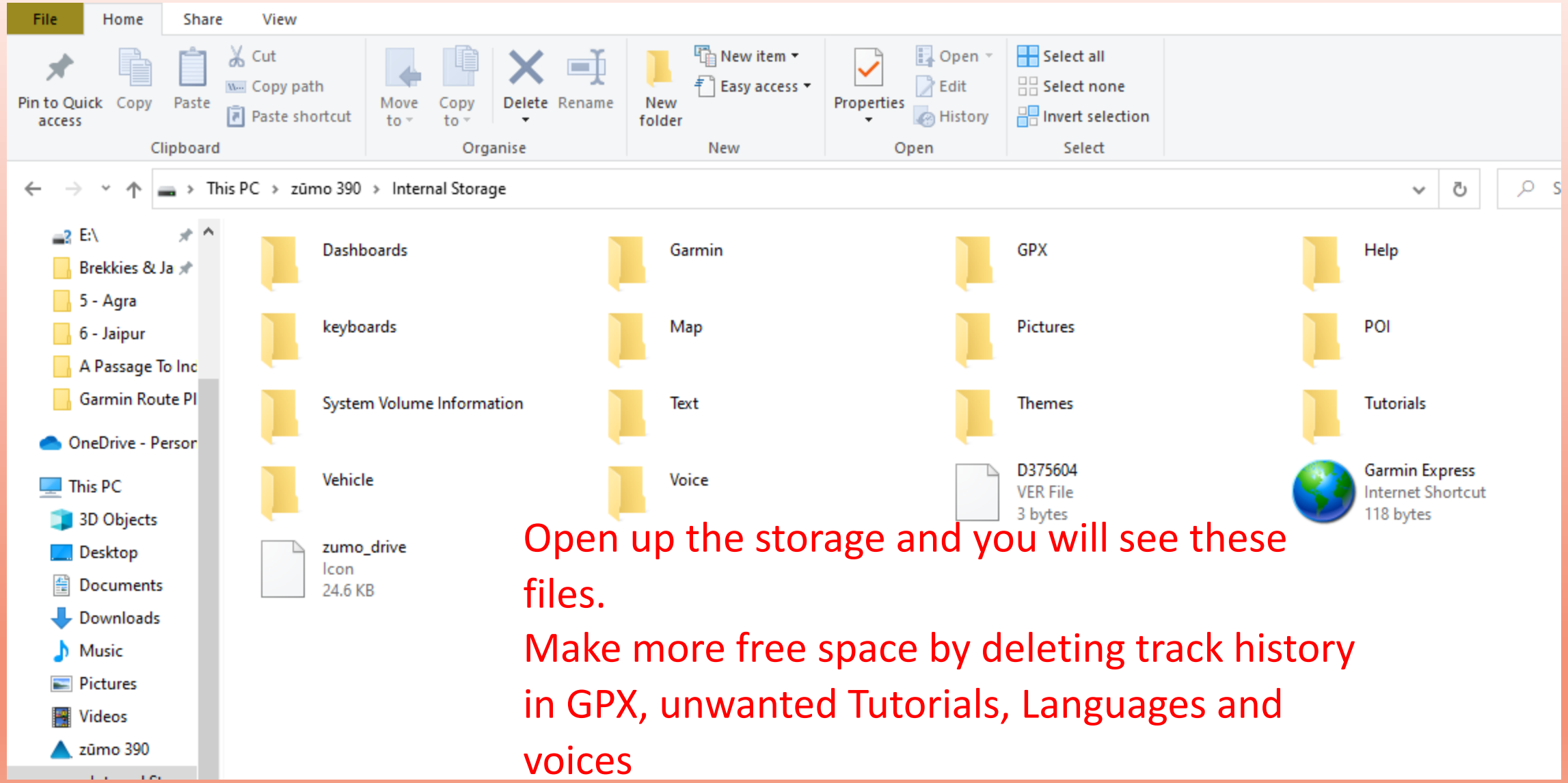
MySatNag – a Gremlin

No spelling mistakes – my terminology

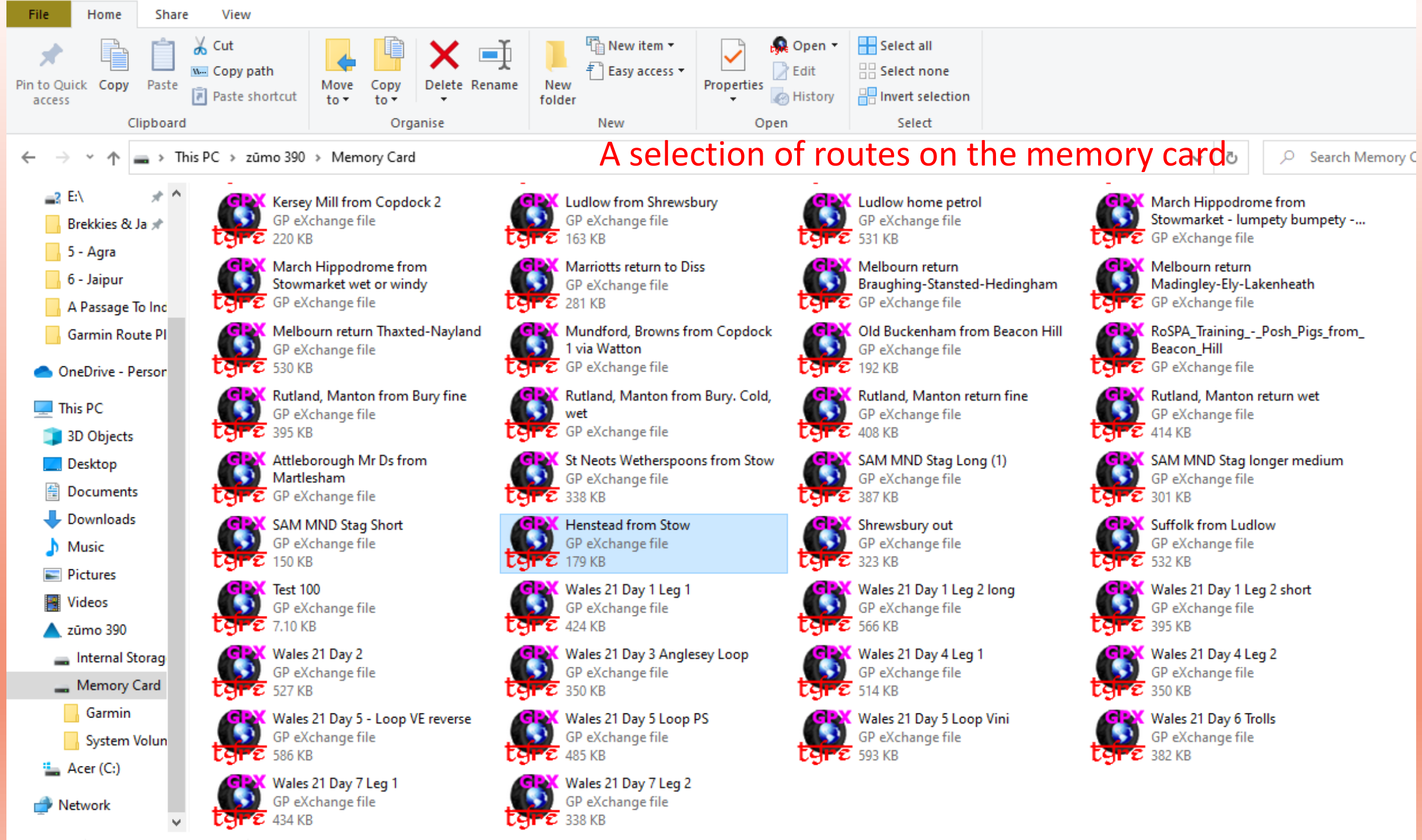


Beware!!! Garmin software updates can spill over onto the memory card if the internal memory is full. This is OK so long as you don't remove the card for another purpose. You may then find though, that the mapping could be incomplete or not even load at all

‘Lifetime’ maps may not have much useful life after all. Seven, eight(??) years down the line there probably won’t be enough room left to import the routes for a days riding.

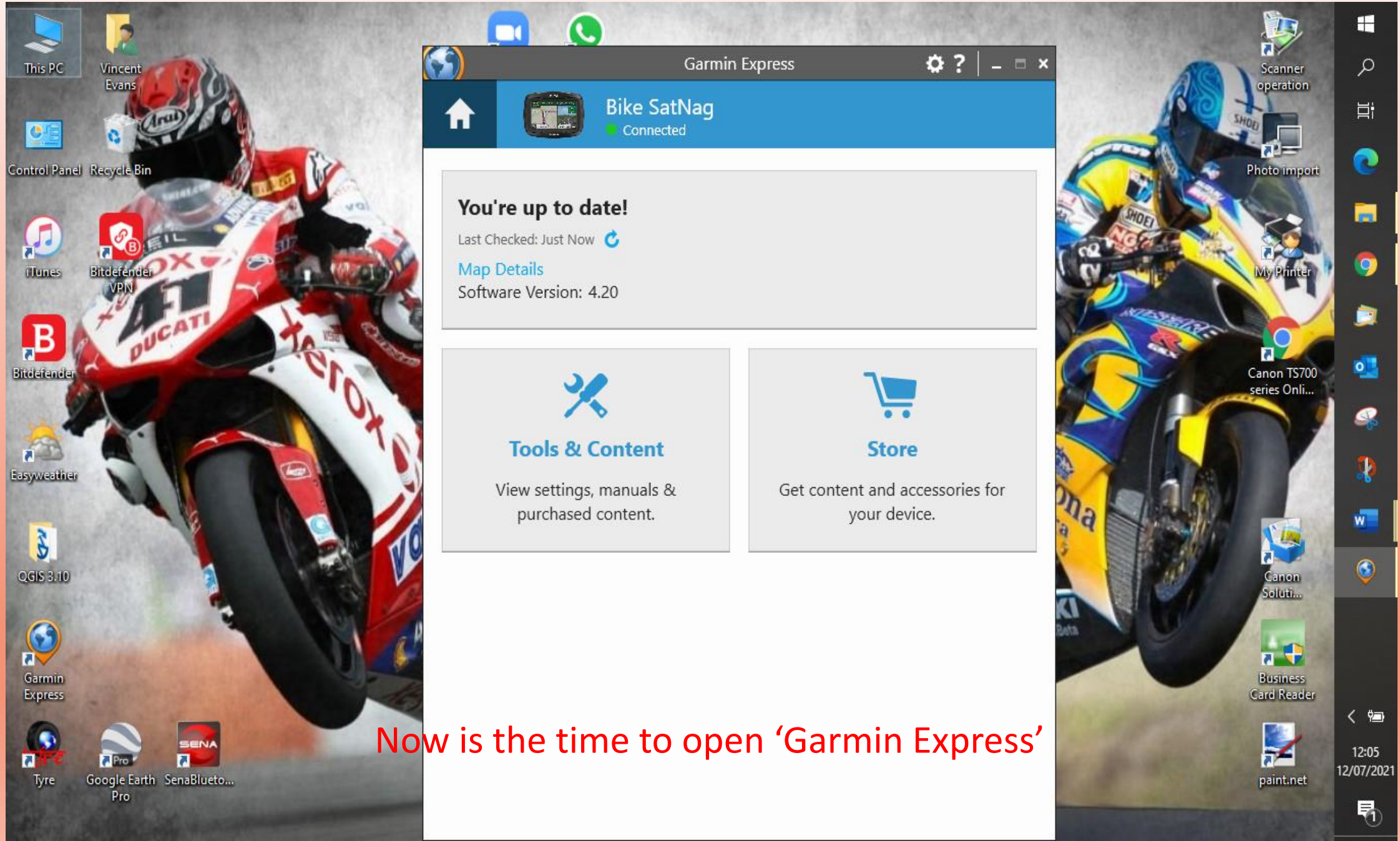

File
Home
Share
View
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
Organise
New folder
New item
Easy access
New
Properties
Open
Edit
History
Open
Select all
Select none
Invert selection
Select
This PC › zūmo 390 › Internal Storage
E:\
Brekkies & Ja
5 - Agra
6 - Jaipur
A Passage To Inc
Garmin Route Pl
OneDrive - Persor
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
zūmo 390
Dashboards
Garmin
GPX
Help
keyboards
Map
Pictures
POI
System Volume Information
Text
Themes
Tutorials
Vehicle
Voice
D375604
VER File
3 bytes
Garmin Express
Internet Shortcut
118 bytes
zumo_drive
Icon
24.6 KB
Open up the storage and you will see these files.
Make more free space by deleting track history in GPX, unwanted Tutorials, Languages and voices

But……. delete these items via your computer when hooked up to your unit. Deleting them from your unit itself will only move them to an internal Archive so still using up space.


File
Home
Share
View
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
Organise
New folder
New item
Easy access
New
Properties
Open
Edit
History
Open
Select all
Select none
Invert selection
Select
This PC › zūmo 390 › Memory Card
A selection of routes on the memory card
Search Memory C
E:\
Brekkies & Ja
5 - Agra
6 - Jaipur
A Passage To Inc
Garmin Route Pl
OneDrive - Persor
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
zūmo 390
Internal Storag
Memory Card
Garmin
System Volun
Acer (C:)
Network
Kersey Mill from Copdock 2
GP eXchange file
220 KB
March Hippodrome from Stowmarket wet or windy
GP eXchange file
Melbourn return Thaxted-Nayland
GP eXchange file
530 KB
Rutland, Manton from Bury fine
GP eXchange file
395 KB
Attleborough Mr Ds from Martlesham
GP eXchange file
SAM MND Stag Short
GP eXchange file
150 KB
Test 100
GP eXchange file
7.10 KB
Wales 21 Day 2
GP eXchange file
527 KB
Wales 21 Day 5 - Loop VE reverse
GP eXchange file
586 KB
Wales 21 Day 7 Leg 1
GP eXchange file
434 KB
Ludlow from Shrewsbury
GP eXchange file
163 KB
Marriotts return to Diss
GP eXchange file
281 KB
Mundford, Browns from Copdock 1 via Watton
GP eXchange file
Rutland, Manton from Bury. Cold, wet
GP eXchange file
St Neots Wetherspoons from Stow
GP eXchange file
338 KB
Henstead from Stow
GP eXchange file
179 KB
Wales 21 Day 1 Leg 1
GP eXchange file
424 KB
Wales 21 Day 3 Anglesey Loop
GP eXchange file
350 KB
Wales 21 Day 5 Loop PS
GP eXchange file
485 KB
Wales 21 Day 7 Leg 2
GP eXchange file
338 KB
Ludlow home petrol
GP eXchange file
531 KB
Melbourn return Braughing-Stansted-Hedingham
GP eXchange file
Old Buckenham from Beacon Hill
GP eXchange file
192 KB
Rutland, Manton return fine
GP eXchange file
408 KB
SAM MND Stag Long (1)
GP eXchange file
387 KB
Shrewsbury out
GP eXchange file
323 KB
Wales 21 Day 1 Leg 2 long
GP eXchange file
566 KB
Wales 21 Day 4 Leg 1
GP eXchange file
514 KB
Wales 21 Day 5 Loop Vini
GP eXchange file
593 KB
March Hippodrome from Stowmarket - lumpety bumpety -...
GP eXchange file
Melbourn return Madingley-Ely-Lakenheath
GP eXchange file
RoSPA_Training_-_Posh_Pigs_from_Beacon_Hill
GP eXchange file
Rutland, Manton return wet
GP eXchange file
414 KB
SAM MND Stag longer medium
GP eXchange file
301 KB
Suffolk from Ludlow
GP eXchange file
532 KB
Wales 21 Day 1 Leg 2 short
GP eXchange file
395 KB
Wales 21 Day 4 Leg 2
GP eXchange file
350 KB
Wales 21 Day 6 Trolls
GP eXchange file
382 KB

Whichever option you choose to use for saving – it can be either depending on the circumstances at the time – a communicator add-on will be required. That is ‘Garmin Express’ to let your gps unit talk to your computer device and the MyRoute-App Connector.

A good basic rule of thumb is that if you ‘Save’ then you can move your route to the memory card. If you upload direct from your mapping/routing programme then the route will go straight to the internal memory of your gps unit


This PC
Vincent Evans
Control Panel
Recycle Bin
iTunes
Bitdefender VPN
Bitdefender
Easyweather
QGIS 3.10
Garmin Express
Tyre
Google Earth Pro
SenaBlueto...
Garmin Express
Bike SatNag
Connected
You're up to date!
Last Checked: Just Now
Map Details
Software Version: 4.20
Tools & Content
View settings, manuals & purchased content.
Store
Get content and accessories for your device.
Scanner operation
Photo import
My Printer
Canon TS700 series Onli...
Canon Soluti...
Business Card Reader
paint.net
12:05
12/07/2021
Now is the time to open ‘Garmin Express’

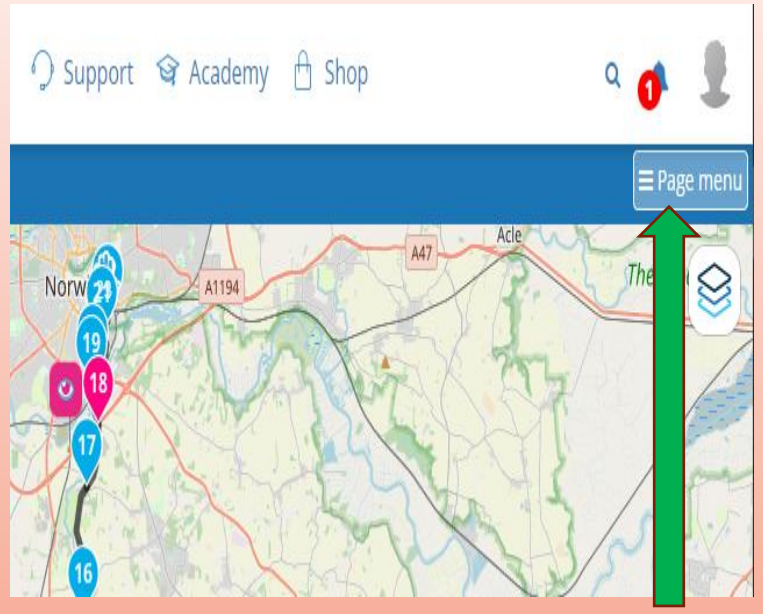
What do we want to do with the route Now?

The first process I'll show is saving our route to the SatNavs memory card that'll be 'Process (a' – how clever

Next, I'll show how to save and keep the route on your computers hard drive so that you know you'll always have access to it. Perhaps we'll title this 'Process (b'

The last option will show how to pop the route directly to your unit's internal memory – ready for immediate use. Now what shall we call this? Ah, I've an idea. How about 'Process (c'

‘Process (a’



Click ‘Page menu’

Then ‘Save as’

MRA Routeplanner
By MyRoute-app
Route lab
Profile
Activities
Forum
Suppo

Waypoints

My routes / Norwich football from Ipswich football - Demo

Export

Save as

Toolkit

Default (OpenStreetMap)

Share

1 **Portman Road**
15:00

2 **Bolton Lane**
15:01
0h 1m

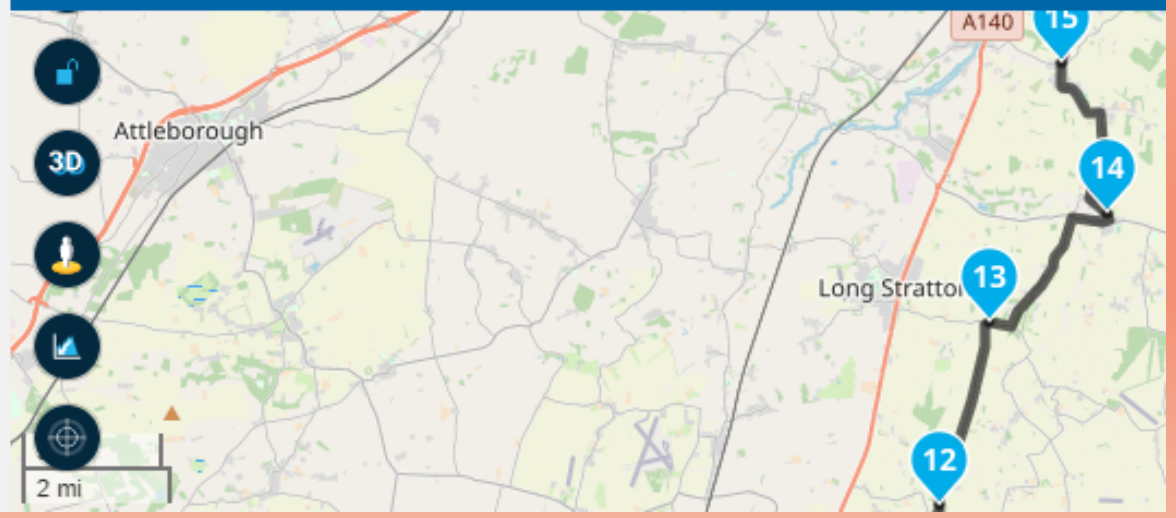
3 **W… rfield**
…:05
0h 5m 2.77 mi

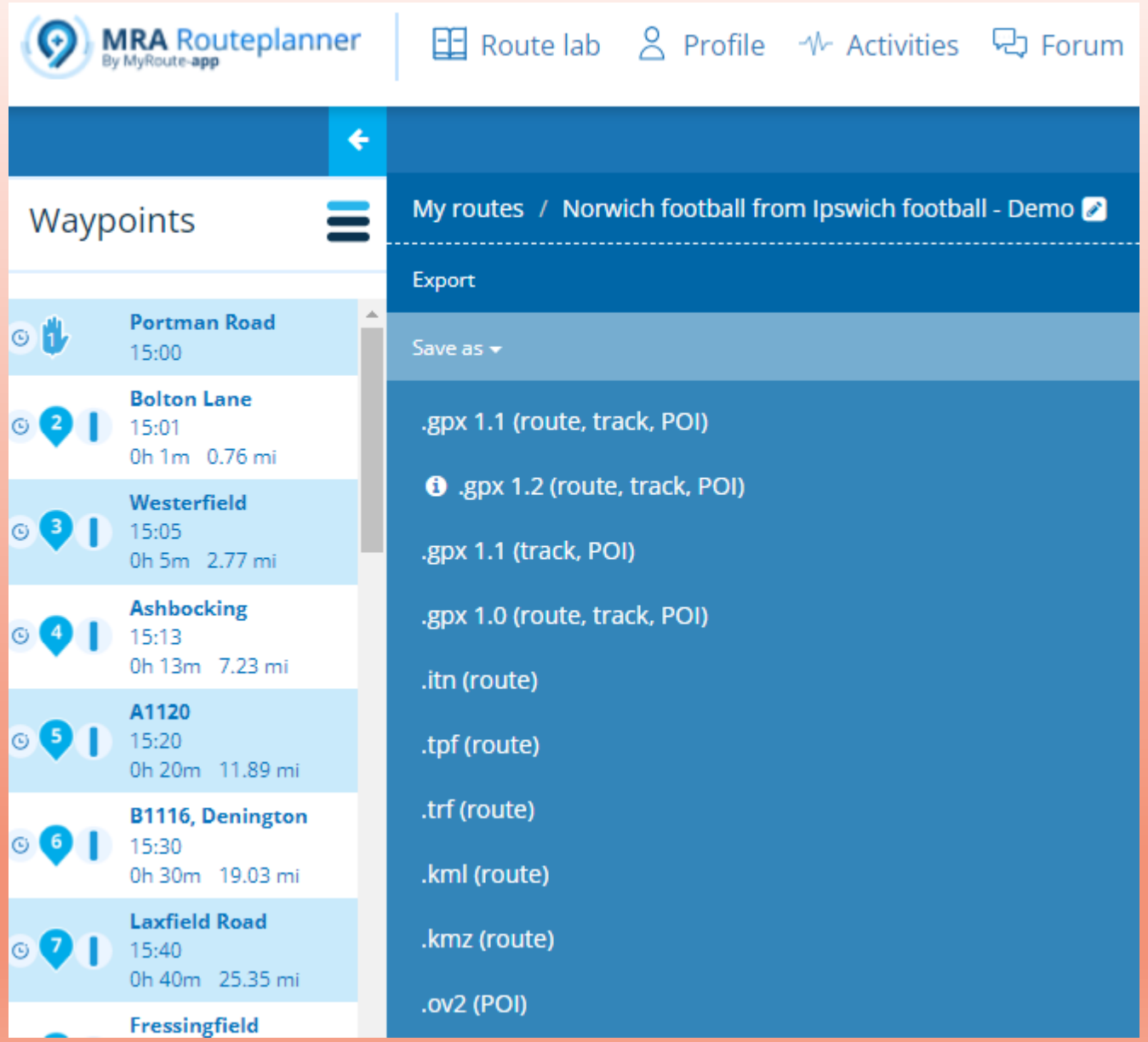
4 **Ashbocking**
15:13
0h 13m 7.23 mi

5 **A1120**
15:20
0h 20m 11.89 mi

6 **B1116, Denington**
15:30
0h 30m 19.03 mi

7 **Laxfield Road**
15:40

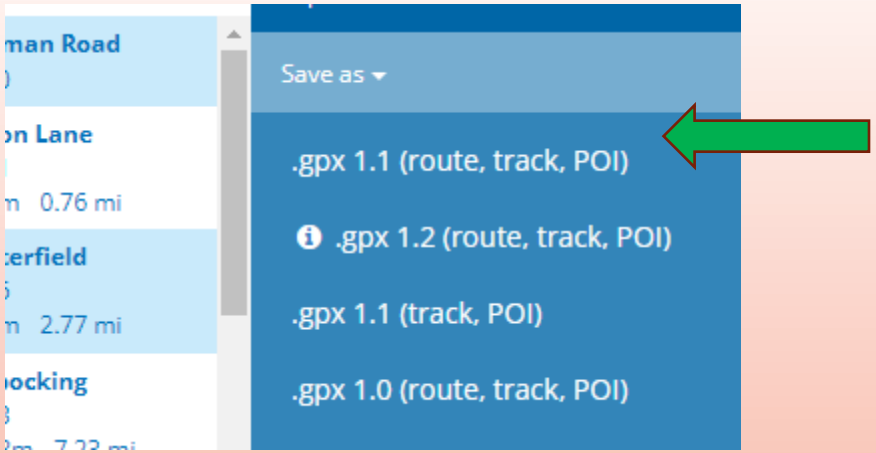




Oh goodness. This is only about half of the available choices. Most of us have heard about gpx files so we'll stick with these. But I can see 4 options of these. Do they make any difference?

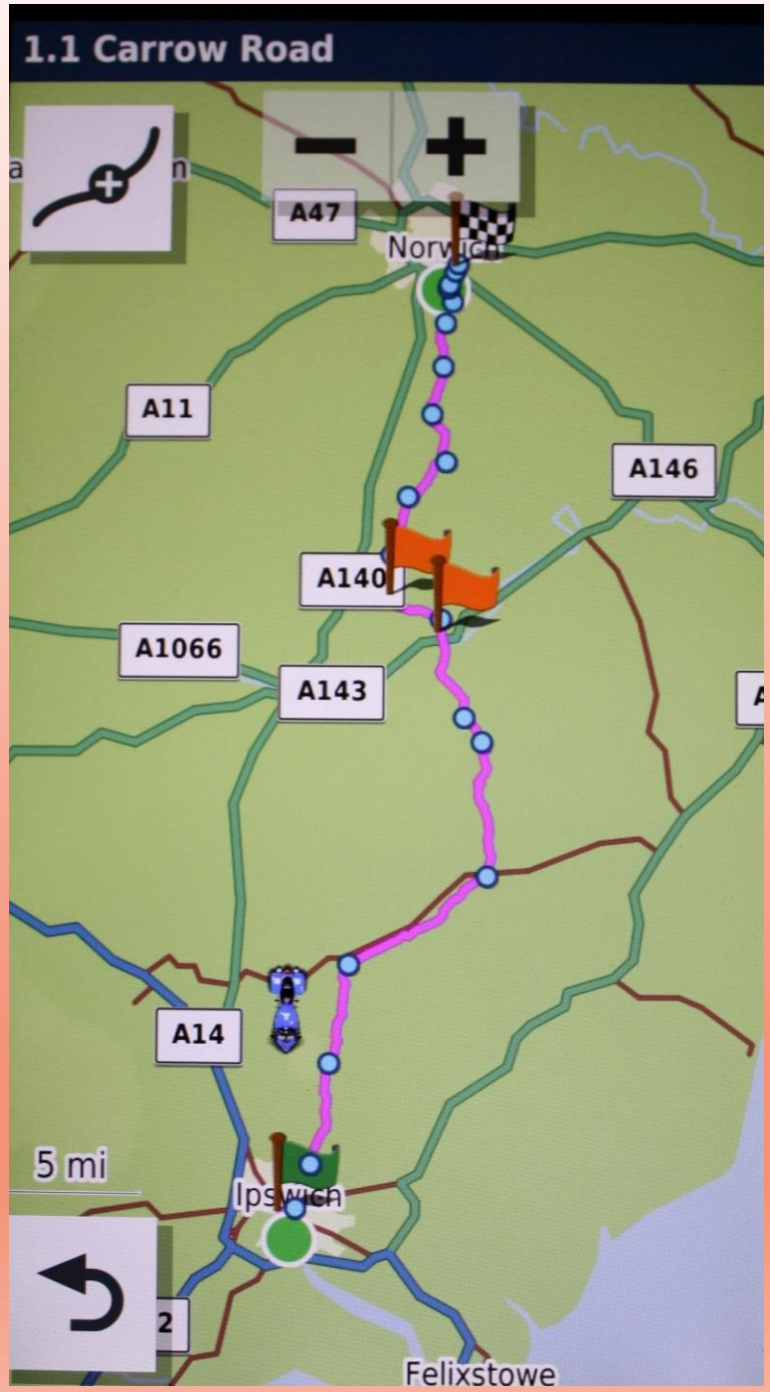
Sorry, but we'll have to fly off at a tangent for a while to sort these out.

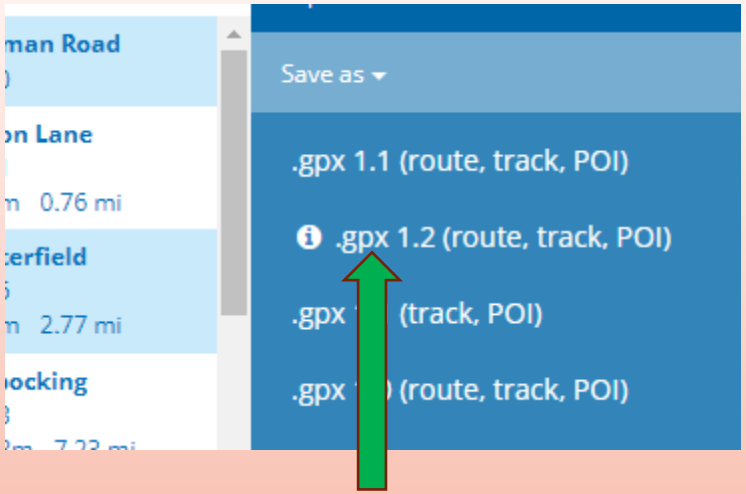
We'll need to know this for 'Process (b' and 'Process (c' as well



Gpx1.1 (route, track, POI)

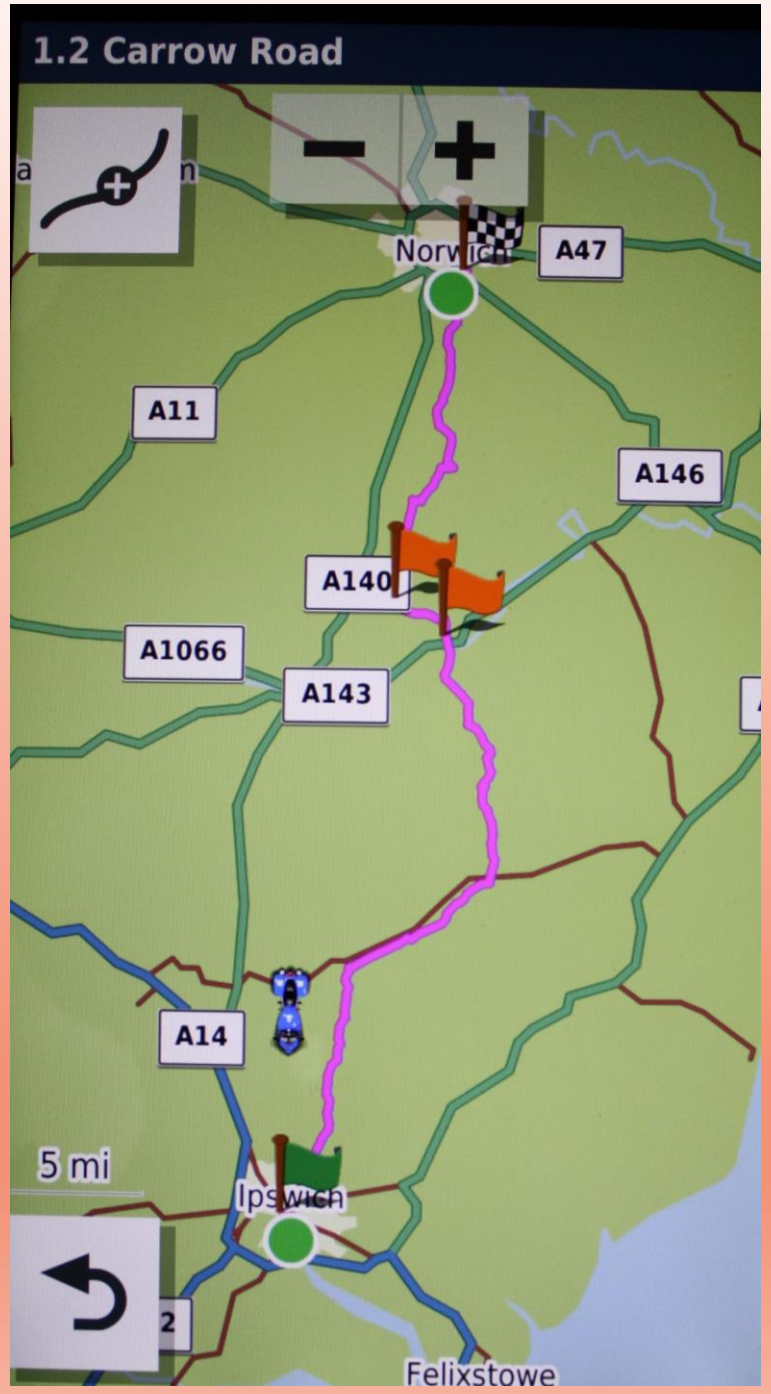
For use on late model Garmins. Shaping points appear as blue dots (upside down raindrop on MRA) but **NO** Commentary. Via points appear as orange flags (Hand on MRA) and are announced over headset.

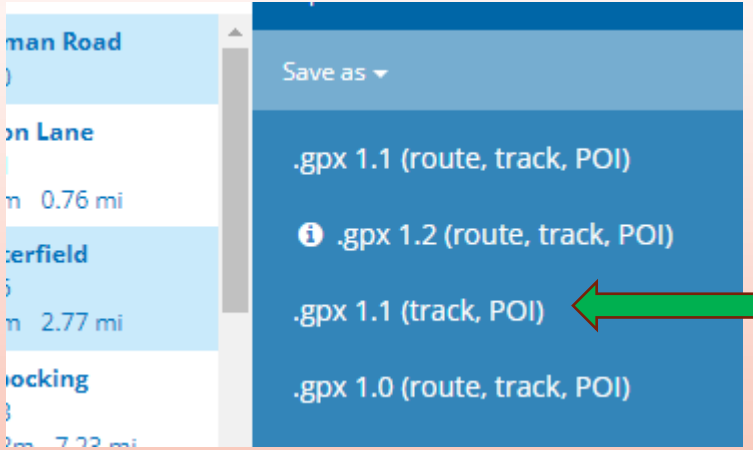




Gpx1.2 (route, track, POI)

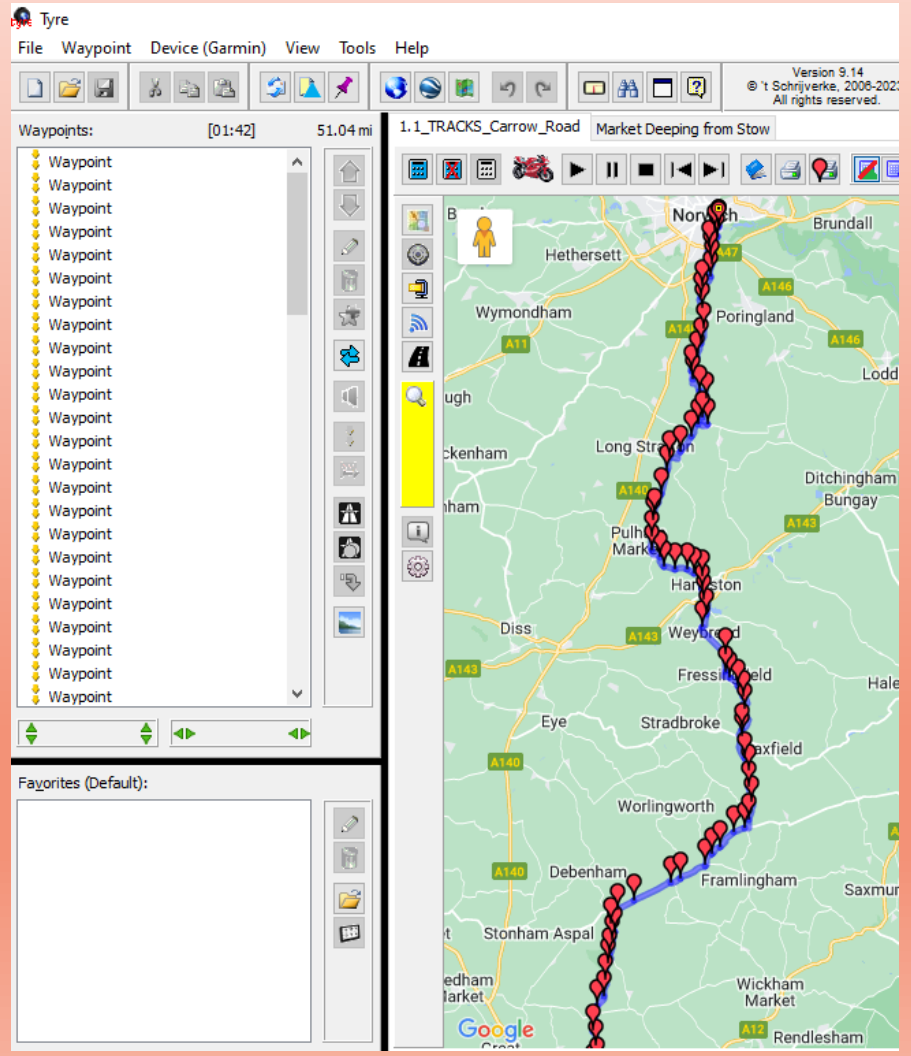
On the very latest models – XT, Navigator VI – **ONLY** 'Via' Points (Flag/Hand) appear on device, 'Shaping' Points are not exported from your plotted route. This could mean that unless stoppages are planned then only the departure Green Flag and destination Chequered Flag are shown. This does reduce the options of monitoring deviations when using 'Skip'



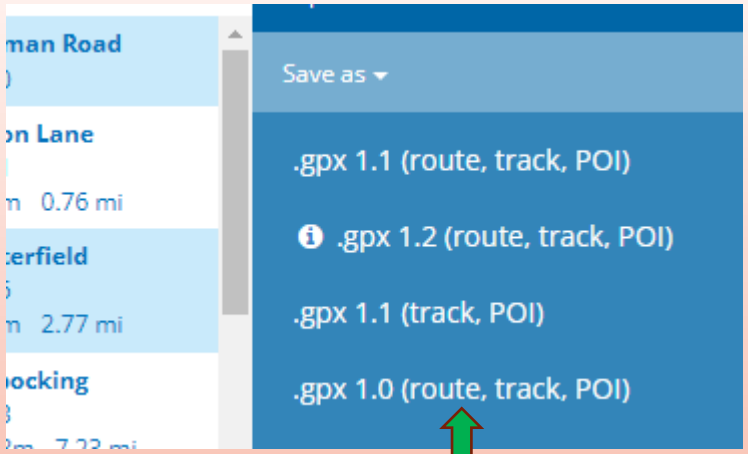


Gpx1.1 (track, POI)

Don't!!! Don't!!! Don't!!!



You'll get hundreds and hundreds (1349 in this case) of Waypoints with no location description. Too many for Garmin to cope with, it's around one every 67yds – even 'Tyre' had to reduce it to 81.



Gpx1.0 (route, track, POI)

Tried, tested and loved. Every Waypoint you set (shaping or via) will appear on your device as an orange flag with full location commentary over your headset. Later and updated doesn't necessarily mean better

All clear as mud for you?

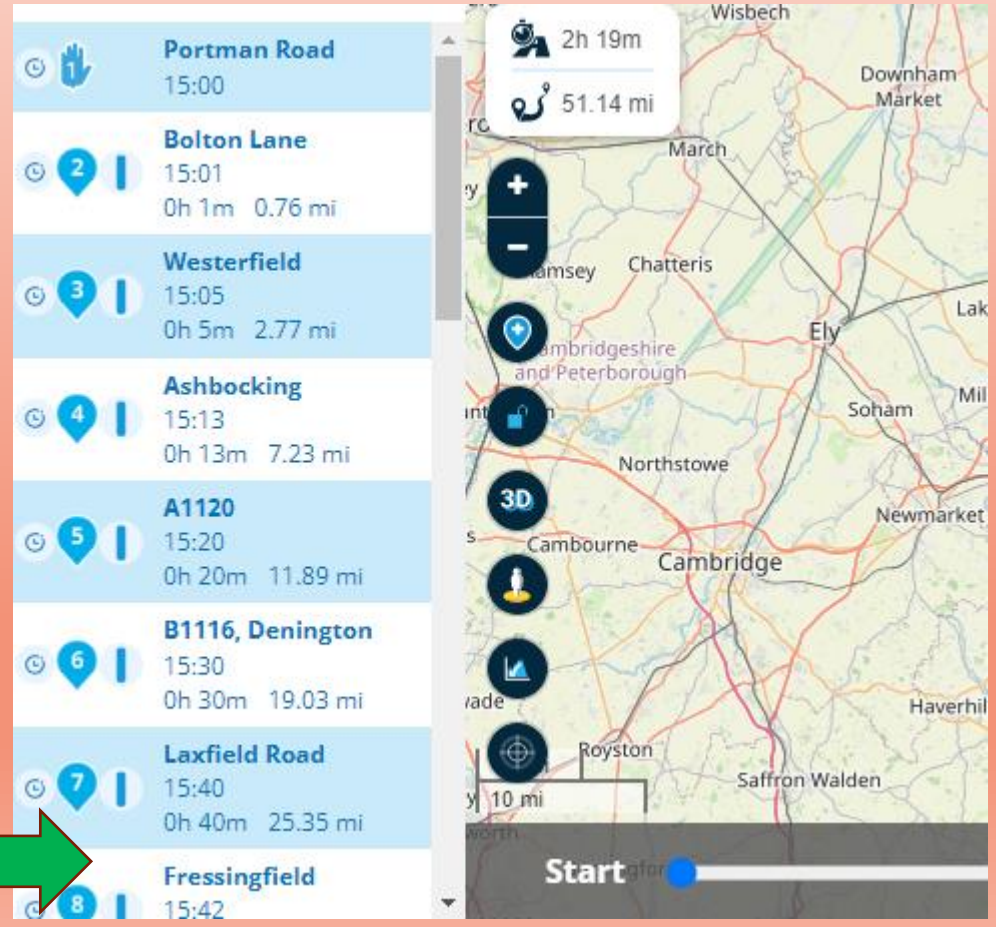
Now where were we? Ah! Still on……

Process (a

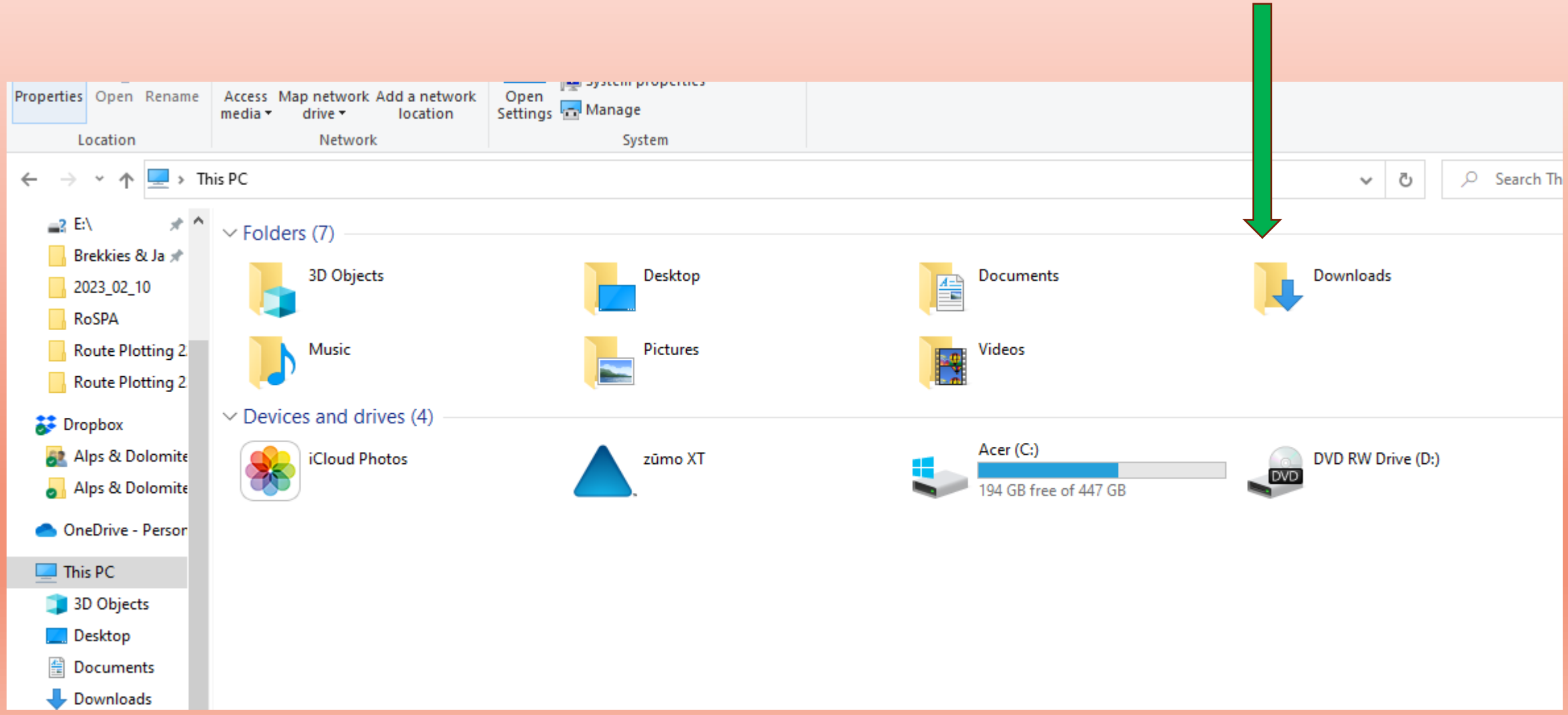
…….the memory card one

Right, so far we've clicked 'Page menu' and then 'Save as' – we'll stick with good old gpx1.0

A small 'Download' panel will fleetingly appear in the bottom left hand corner if your gpx software auto loads. If it stays there wait for the whizzy wheel to finish and then click on this panel.

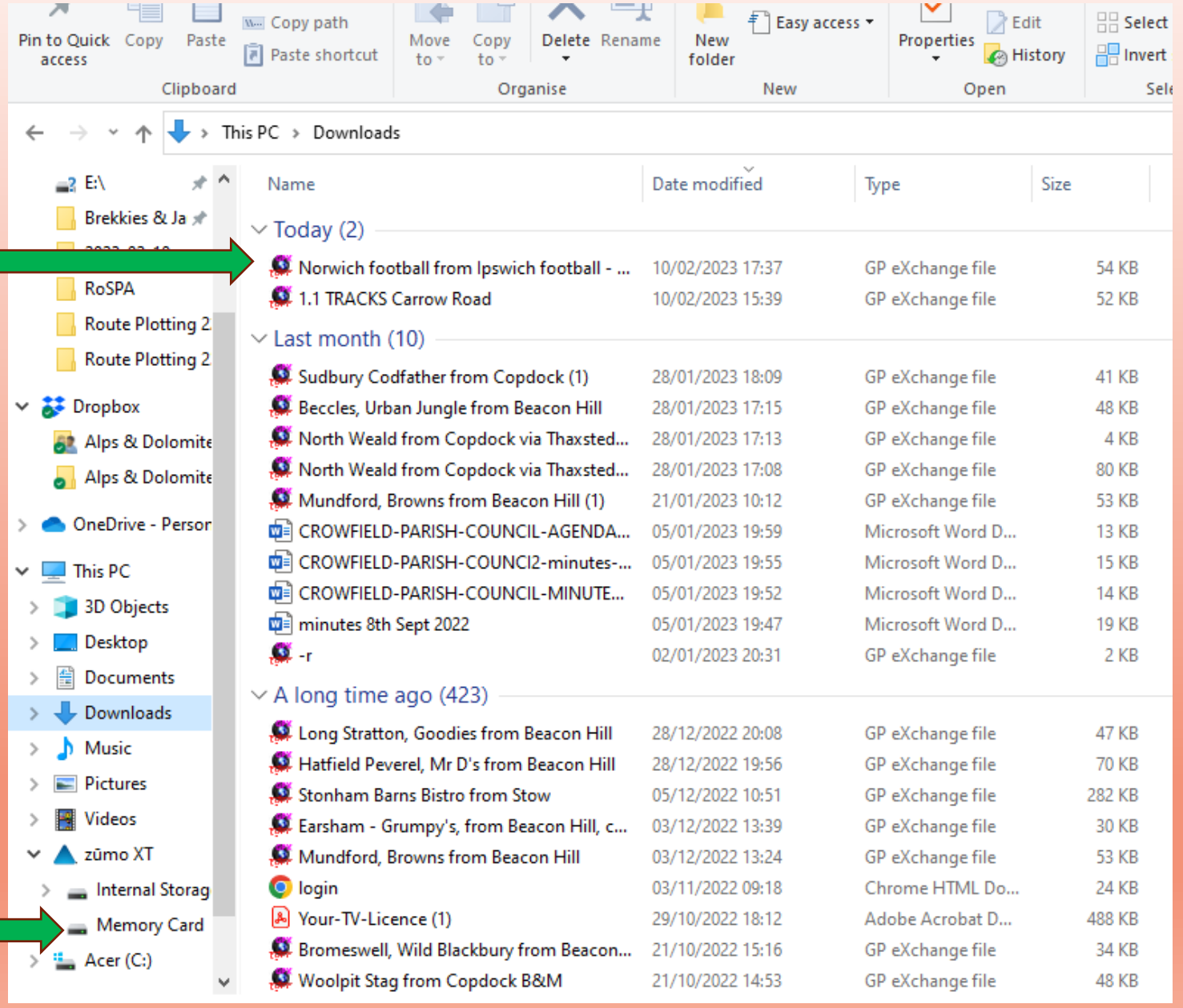


Go to ‘This PC’ or ‘My Computer’ – whatever lists your folders and open ‘Downloads’



Then simply ‘Drag and Drop’ from here

to here



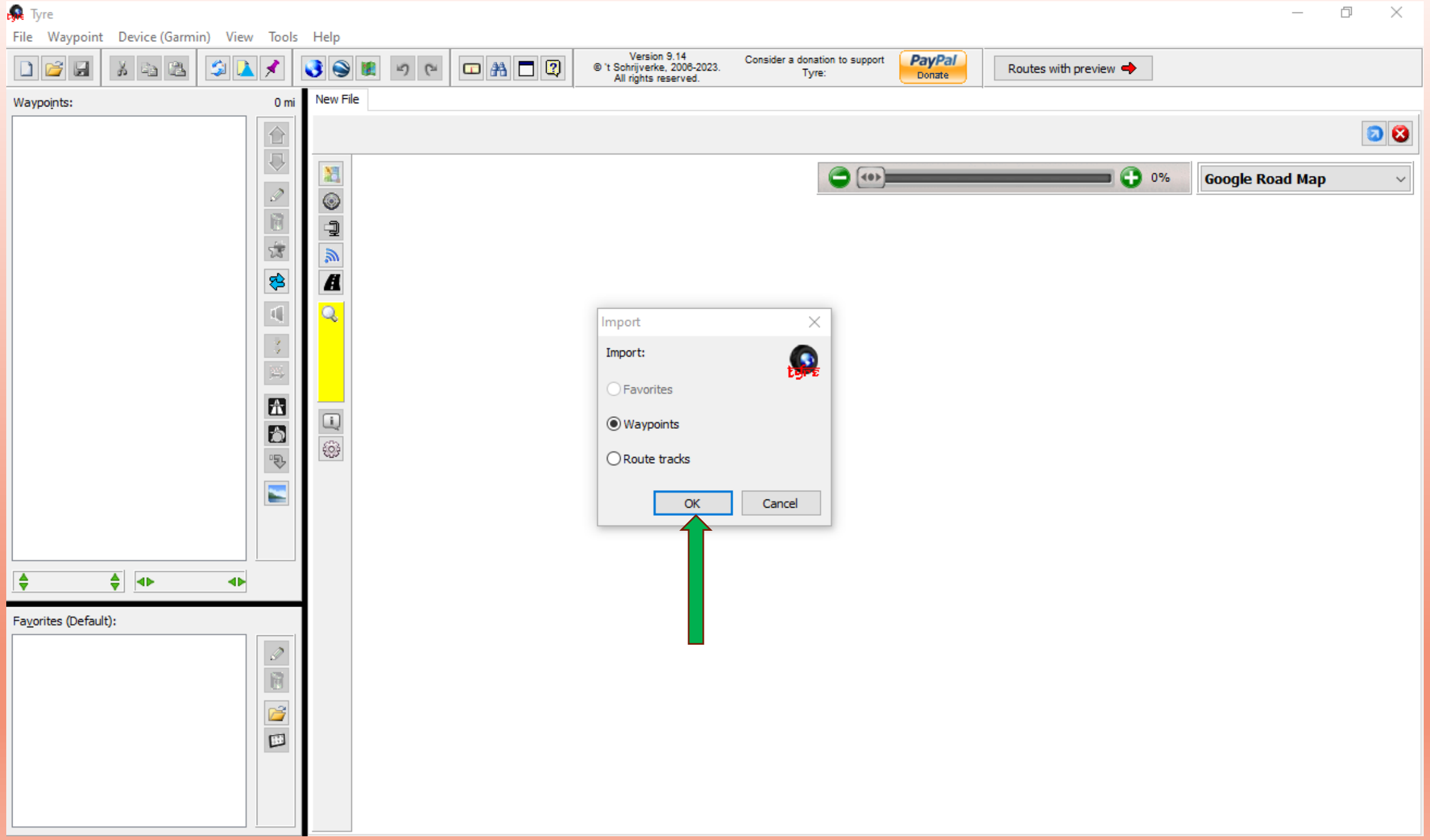
Process (b

Saving routes to your hard drive with software suitable for gpx files is a safeguard in case your Cloud based system ever ceases to exist for whatever reason.

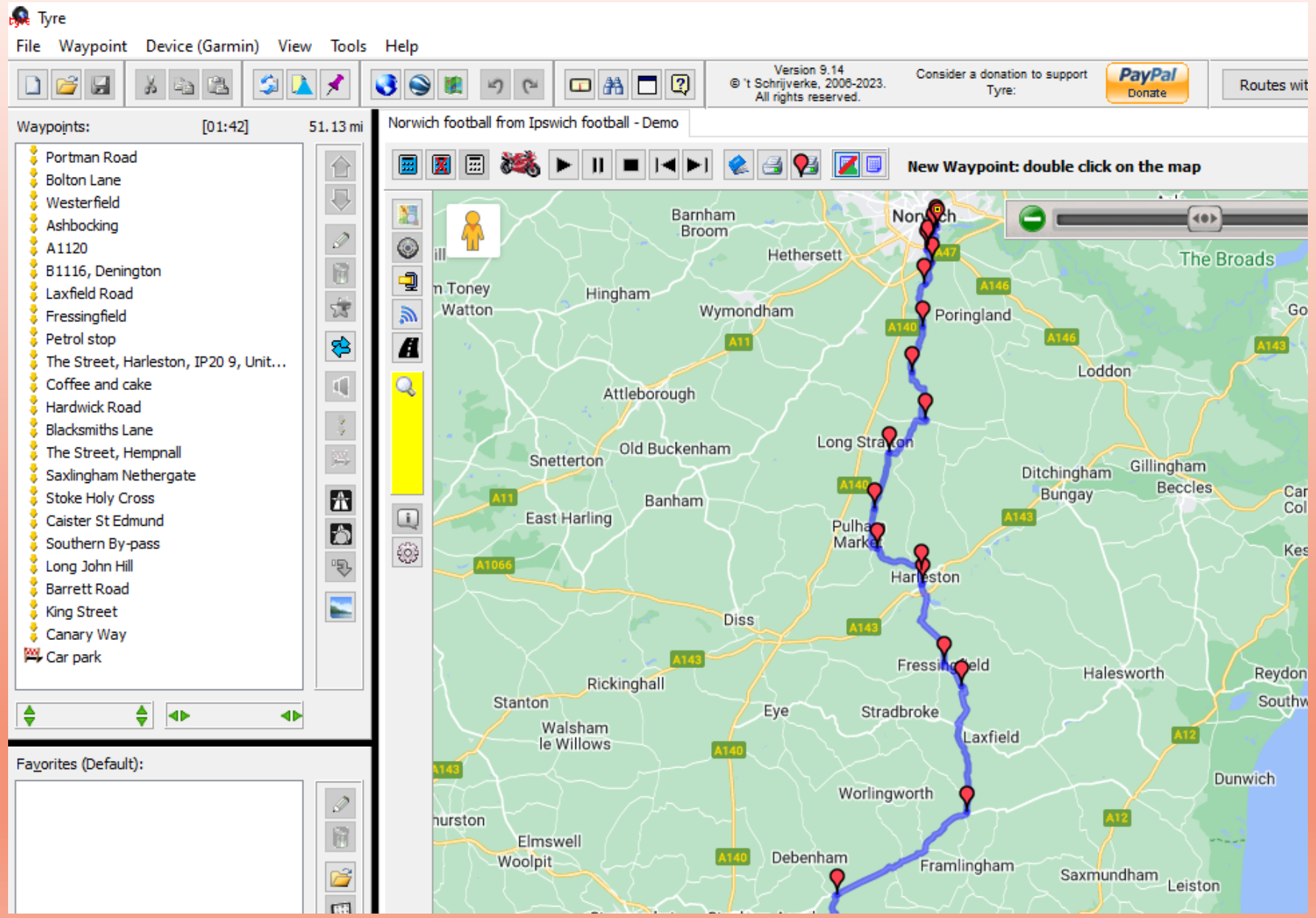
For years I've used 'Tyre', which in it's current guise is called 'Tyre2Navigate'.

As before, click ‘Page menu’ and ‘Save as’, the small ‘Download’ panel will fleetingly appear in the bottom left hand corner if your gpx software auto loads. If it stays there wait for the whizzy wheel to finish and then click on this panel.

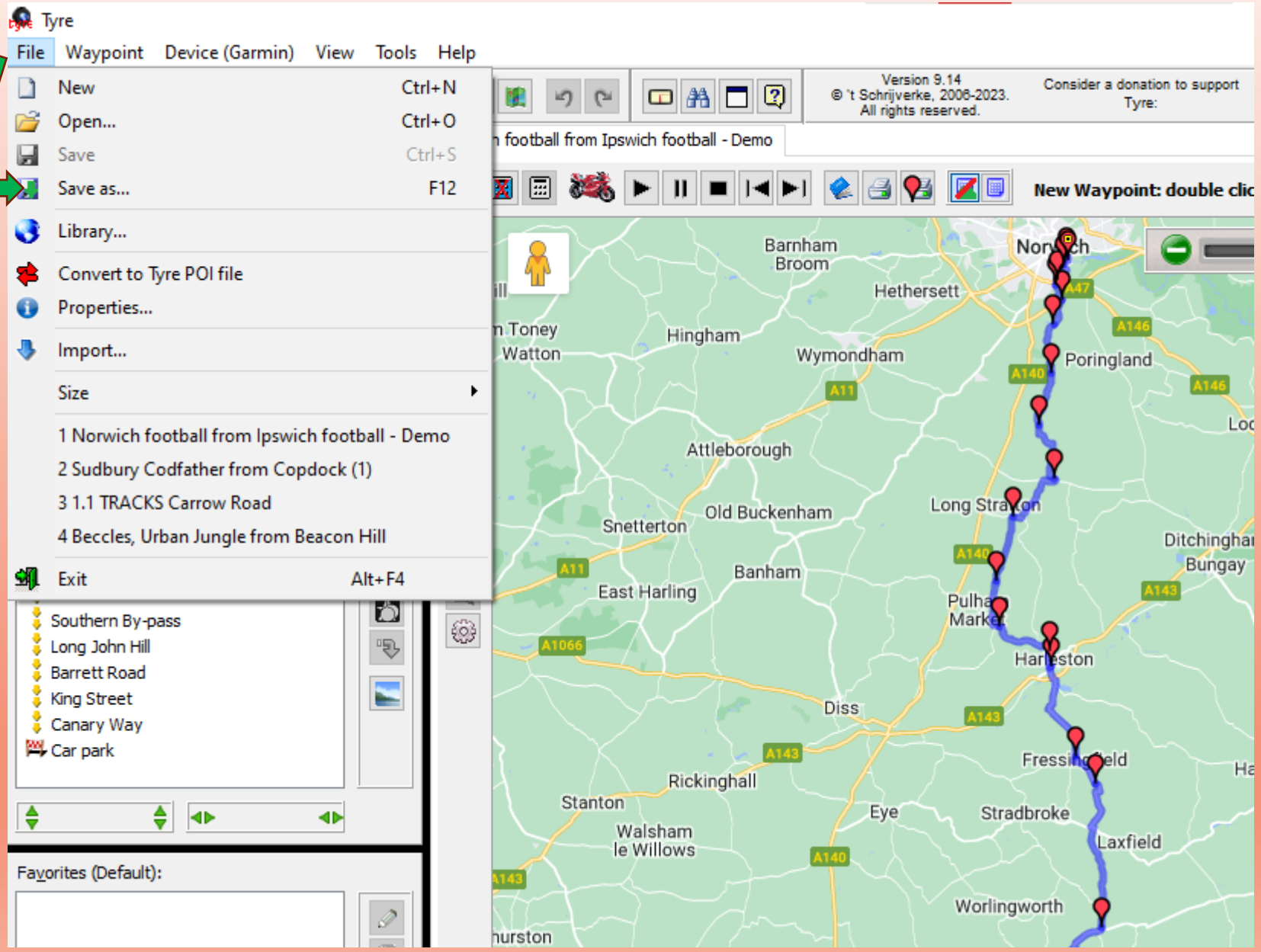
‘Tyre ‘ (for me) opens, then click OK


Tyre
File
Waypoint
Device (Garmin)
View
Tools
Help
Version 9.14
© 't Schrijverke, 2006-2023.
All rights reserved.
Consider a donation to support Tyre:
PayPal
Donate
Routes with preview
Waypoints:
0 mi
New File
0%
Google Road Map
Import
Import:
Favorites
Waypoints
Route tracks
OK
Cancel
Favorites (Default):

The same route (hopefully) now opens on your gpx file software

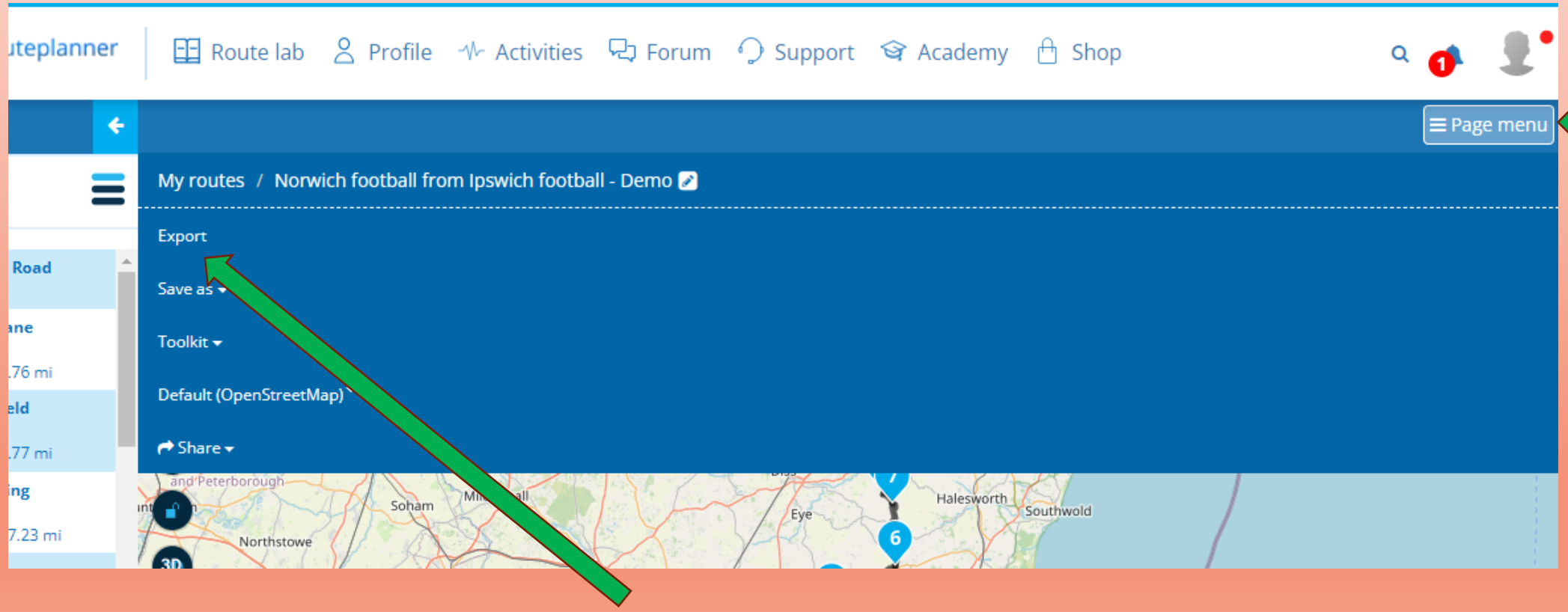


Now click ‘File’ and then ‘Save as’ and tuck it safely away in your chosen file



‘Process (c’

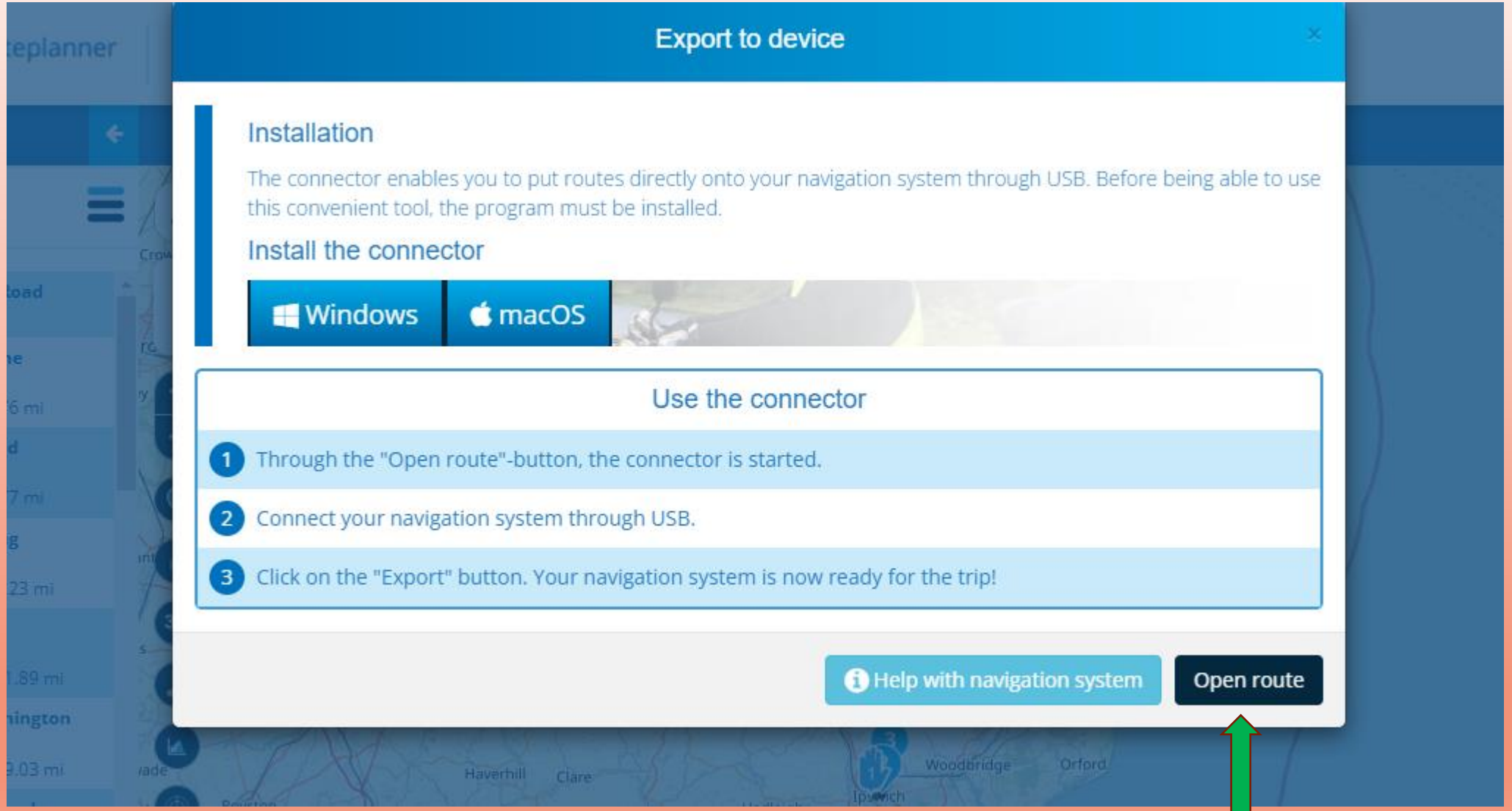
Loading your route directly to your unit’s internal memory



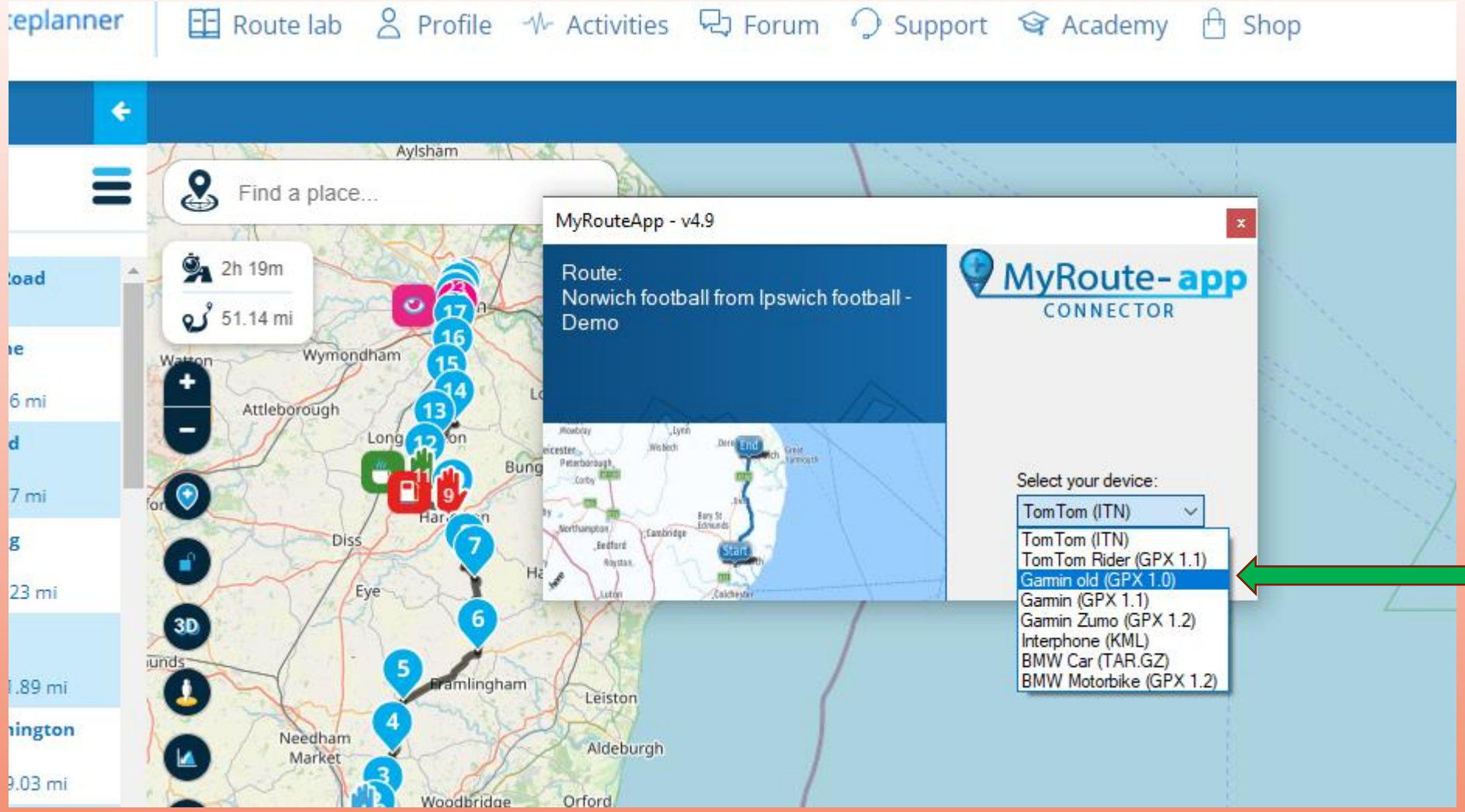
‘Page menu’

And this time ‘Export’

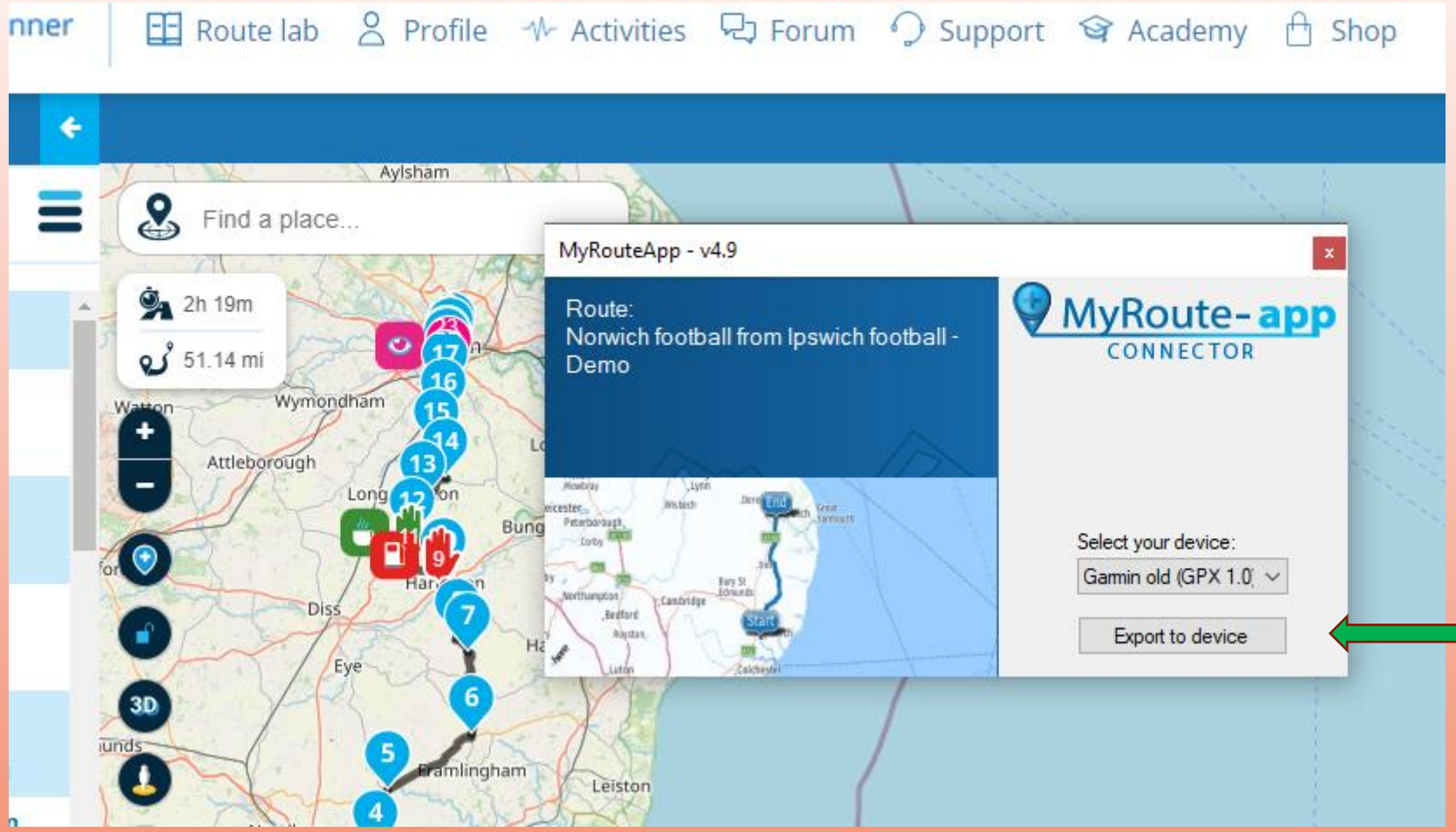
If you've never used the connector before then now is the time to instal it



Once installed simply click 'Open route'

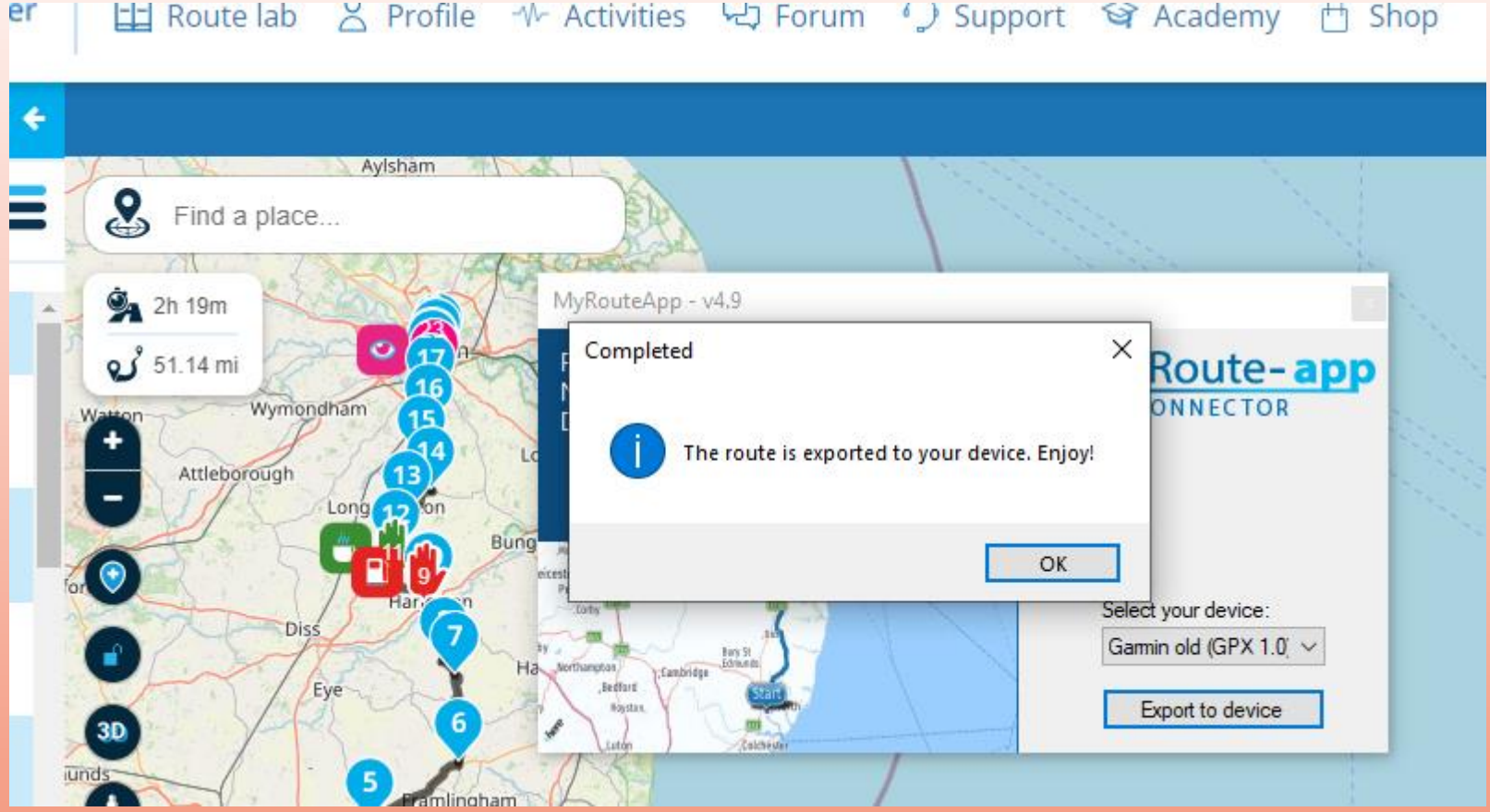


Use the dropdown to select your device and your favoured version



Go on!

You know you want to



By jove. You've done it!