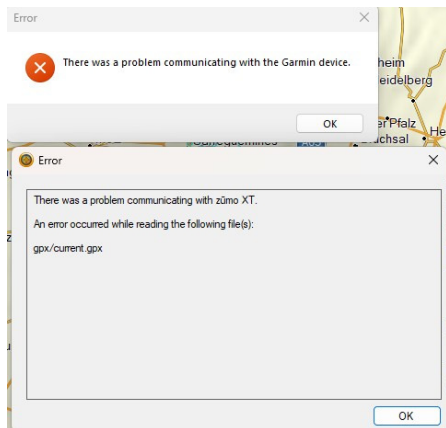# 14 Fixing invalid current.gpx

(This document assumes you are using V1.5.0.320, or later)

Symptom

When using TripManager to send GPX files as trips to the Zumo the following error can be observed when starting BaseCamp.
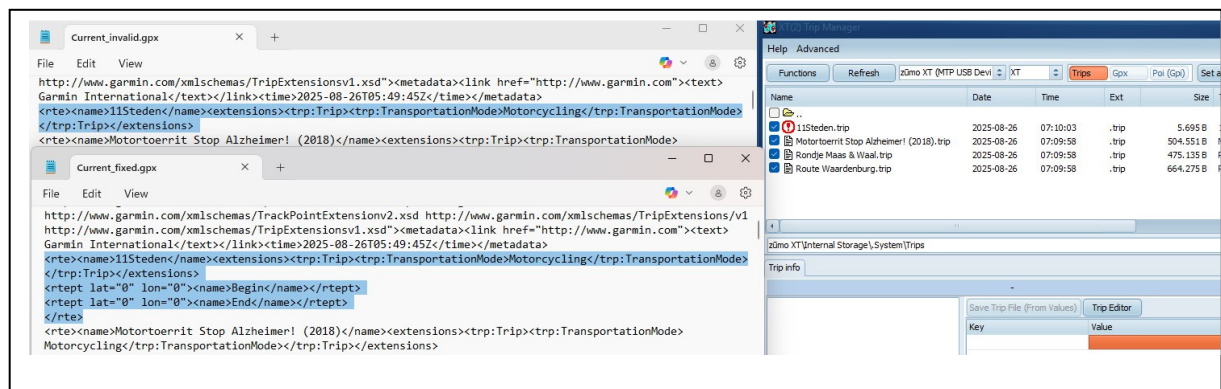

Cause

While it is possible that there are other causes, it is likely that not all trips sent to the Zumo have been calculated. Calculation happens automatically the first time you open a trip in the trip planner. (Or route in the route planner for an XT2) If a trip has been transferred to the Zumo, but it has never been opened it is said to be uncalculated, and can cause the error.
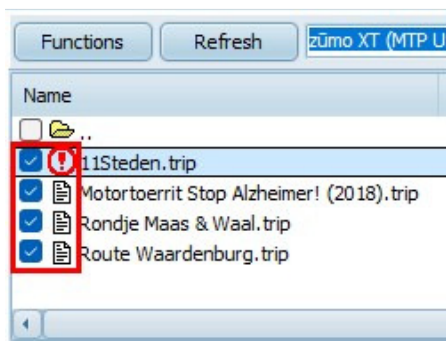
What is exactly wrong with current.gpx?

This can get a bit technical, skip if you like.

Every <rte><name> node in the GPX should be closed by a </rte>. In the screenshot above where '11Steden.trip' has not been calculated, there is no closing </rte> tag for the trip. In the lower portion, that has been fixed, there is one. Also added are 2 dummy <rtept>.

Note: The file current.gpx is recreated automatically every time the Zumo is started in FileTransfer mode. The process that handles this does not cope well with uncalculated trips.

Identifying the uncalculated trips

In the device file list the uncalculated trips are prefixed with an exclamation mark. Using the default sort on Filename, these trips will always be on top of the list.

Fixing the problem

There are a few solutions.

Using the Zumo:
1. Remove the uncalculated trips from the Zumo if they are not needed.
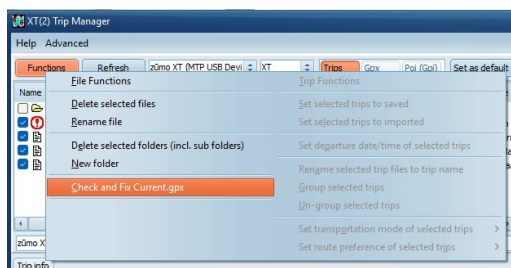2. If they are needed, opening them in the Trip planner will start the calculation.

The downside is that you first need to reboot the Zumo in normal mode, remove, or calculate the trips. Then reboot again in FileTransfer mode.
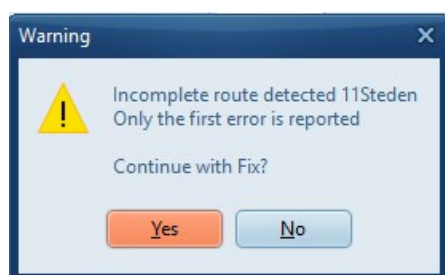
Using TripManager:

You can also remove the trip files with TripManager, but there have been reports that trips will sometimes reappear. So it is recommended to delete trips on the Zumo. Besides you still need to reboot.
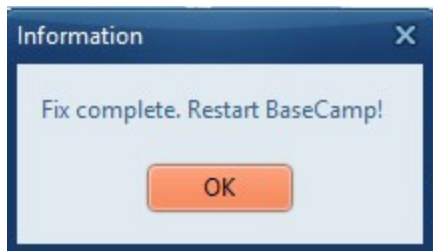
If you want to be able to start BaseCamp without rebooting the Zumo you can use this procedure. Note that you still need to fix the uncalculated trip at some point, or the error will popup again next reboot.
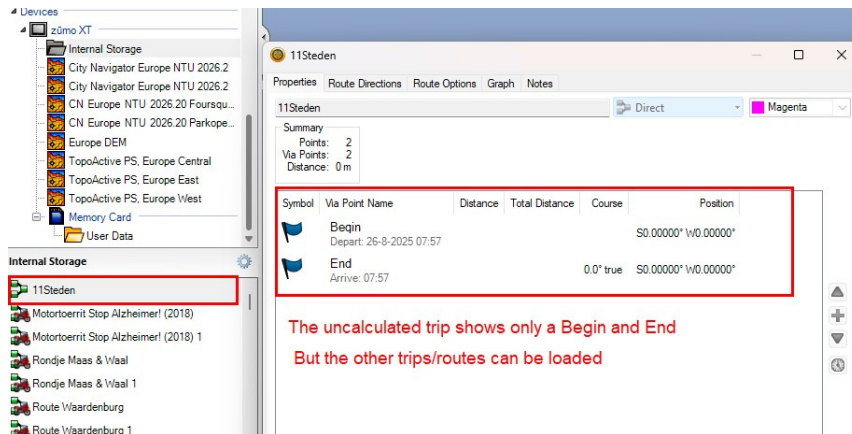
Click on 'Check and Fix Current.gpx'

If any errors exist TripManager will report the first.

Current.gpx has been fixed, and saved on the device. BaseCamp should now start without errors. The uncalculated trips will only have a Begin and End point with gps coordinates <0, 0>

Preventing the problem

It is recommended to open all transferred trip files on the Zumo, or remove if not needed. Pay attention to the exclamation mark in front of the trip files.

Starting with TripManager V1.5.0.320 the data that can be found in the <subclass> nodes of GPX files can be written to the trip files to prevent the error. Only if the GPX file(s) are created and calculated by BaseCamp the <subclass> will be available.
Note that in this case the trip will be still be calculated when first opened, and thus will have an exclamation mark in the file list.

Sample Subclass:

```
<gpxx:rpt lat="51.623661518096924" lon="5.889937877655029">
  <gpxx:Subclass>03000A67AB012E0002001F001A00C8634E00</gpxx:Subclass>
</gpxx:rpt>
```