



ADL110B - ADL120 – ADL130

GPS Rollover Problem Updates Required

(Not applicable for ADL140/150/1920/200 devices)

Version 1.10

28.10.2019

1 Version History

Version 1.00 published 19.04.2019

Version 1.10 published 28.10.2019

2 General Description

On April 7th 2019 the GPS system did roll over / reset the week count. Since this date some GPS receivers are no longer able to calculate the current date correctly.

We noticed that some of the Garmin GPS receiver installed in the ADL110B, ADL120 and ADL130 devices are affected. Some of the receivers came from the factory with a chip firmware which works after 7th April 2019 while some others did not. We have no list available which devices are actually affected.

This does not apply to the ADL140, ADL150(B), ADL190 and ADL200 receivers.

If your receiver is affected please ship it to the address below and we will update the chip firmware for you free of charge. Please include a return address with your shipping. The update process is usually done on the same day. For emergencies we can also supply exchange devices for a faster turnaround.

Please ship the devices to:

Golze Engineering
Dr. Sebastian Golze
Bredowstr. 29
10551 Berlin

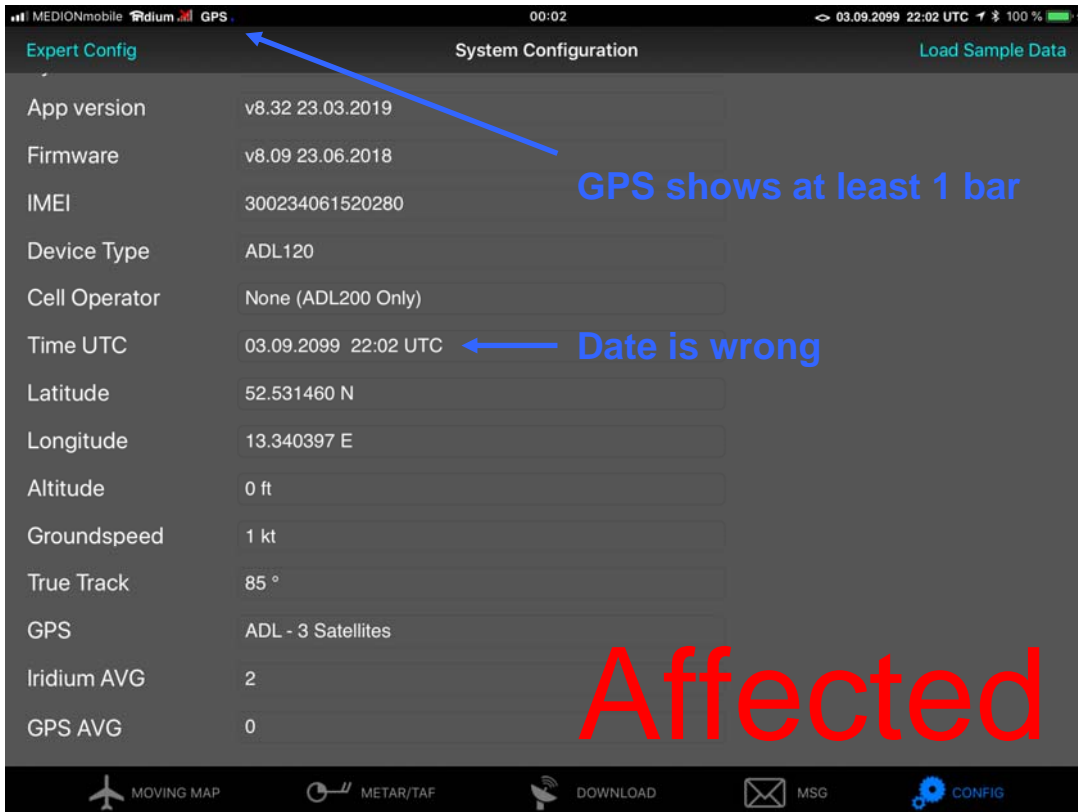
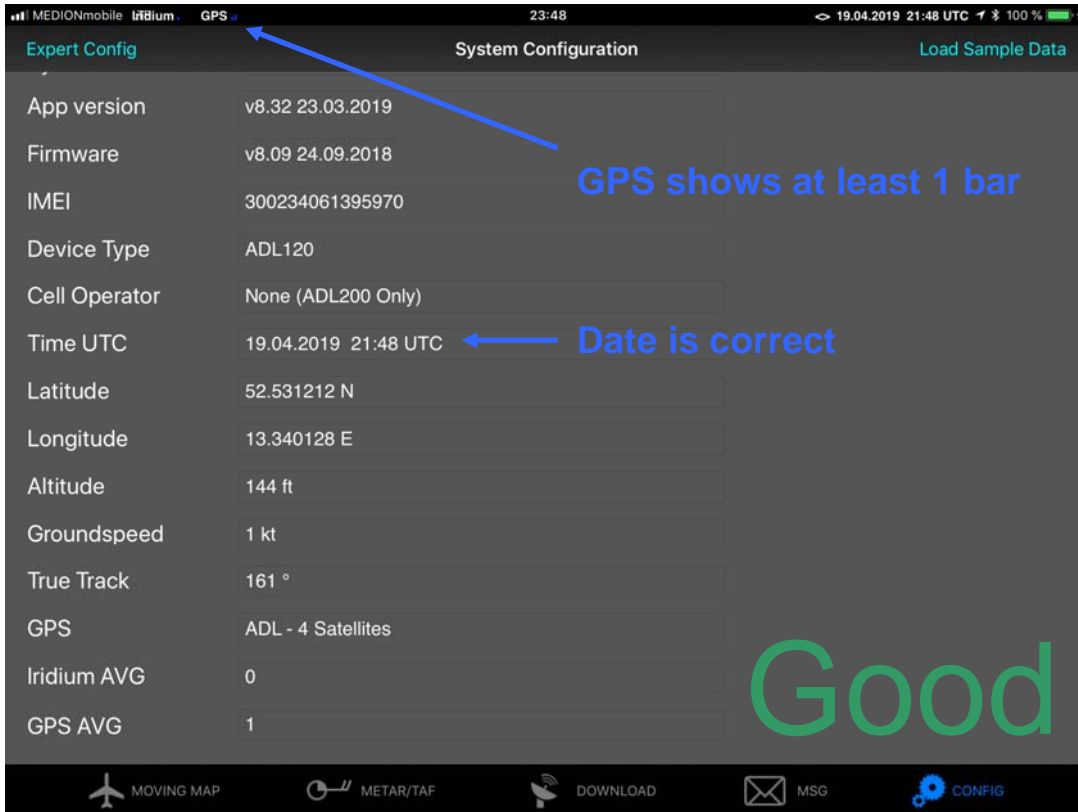
All updates are free of charge no matter when the device was manufactured or sold. But we can not pay for any charges on your side (installation etc.).

3 How to recognize if your device is affected - Method 1

Turn on your ADL device and connect your iPad using the ADLConnect app

Wait until the GPS indicator at the top of the screen indicates at least one blue GPS bar.

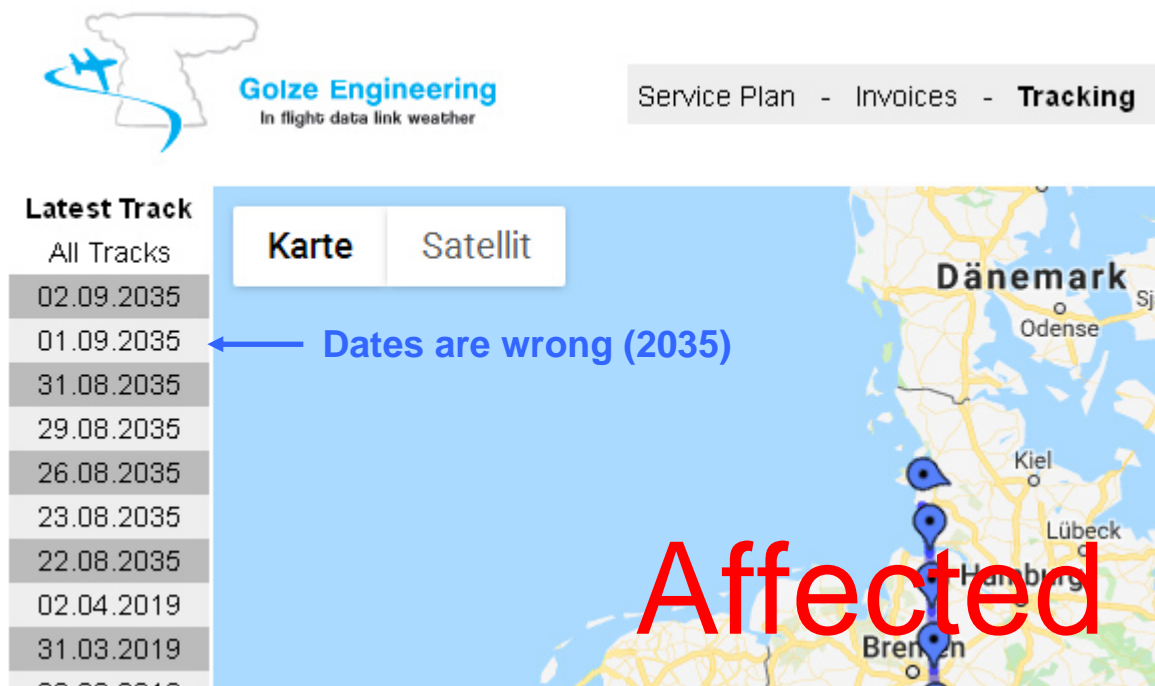
Open the Config page and look at the date. If it is correct your device is not affected. If a correct time is shown but a weird date, most probably in the year 2000, your device is affected and has to be shipped to us.



4 How to recognize if your device is affected - Method 2

If you have the tracking feature activated and you fly on an active satellite subscription, your ADL device will send a tracking update every 10 minutes.

When having flown after 7th April 2019 log in to our website with your email and password. Then go to the tracking section and look at the dates listed on the left side. If dates in the year 2035 are listed your device is affected and has to be sent in for the update. If the dates are listed correctly after 7th April 2019 the device is not affected.



The screenshot shows the Golze Engineering website interface. At the top left is the logo for Golze Engineering, which includes a stylized 'G' with an airplane icon and the text 'Golze Engineering In flight data link weather'. To the right of the logo is a navigation menu with the items 'Service Plan', 'Invoices', and 'Tracking'. Below the navigation menu is a 'Latest Track' section. On the left side of this section is a list of dates: 'All Tracks', '02.09.2035', '01.09.2035', '31.08.2035', '29.08.2035', '26.08.2035', '23.08.2035', '22.08.2035', '02.04.2019', '31.03.2019', and '08.03.2019'. A blue arrow points to the date '01.09.2035' with the text 'Dates are wrong (2035)'. To the right of the date list is a map showing a flight path over Germany and Denmark, with several blue location pins. The word 'Affected' is written in large red letters across the bottom right of the map area.

Contact

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