

**Technical description.**

**Failure:**

Date will be wrong, but Position and time will be correct  
The date will roll back to 1<sup>st</sup> AUG,1999.

**NOTE:**

**If GPS is connected to Radio equipment as part of the GMDSS, a wrong date will violate the IMO regulation IV/13.8, IV/18!**

**Affected products.**

**FELCOM 12-15-16-18-19.**

**FELCOM 12 (17 March 2019)**

(Maintenance service for this model has expired. Recommend a new FELCOM 18)

Options: External GPS can be connected to fulfill GMDSS requirements.

**FELCOM 15 (20 Dec 2020) if GPS module GN-79L5A-N**

**(2 Jan 2022) If GPS Module GN-8097 B/C/D**

(Maintenance service for this model has expired. Recommend a new FELCOM 18)

Options: External GPS can be connected to fulfill GMDSS requirements.

**FELCOM 16 (20 Dec 2020) if GPS module GN-79L5A-N**

**(2 Jan 2022) If GPS Module GN-8097 B/C/D**

(Maintenance service for this model has expired. Recommend a new FELCOM 19)

Options: NONE

**FELCOM 18\_19 (31 Dec 2052) If GPS the Module is GN-8097 B/C/D and with latest sw 1.20 issued Mar 2019.**

**GP 80-90-150-170, FA 100-150-170.**

**GP80**

The following GP-80 has been RollOver at 17<sup>th</sup> MAR,2019.

Current failure, if not upgraded to a newer model: The date will roll back to 1<sup>st</sup> AUG,1999.

SNo. 2477-8733 to 3457-3275

GPS module program version: 4850217 (can be checked by selftest)

GPS module type: GN-7801

Action: Replace to GP-170.

\*Compatible receiver is GN-8091C & GN-8096D.

**GP90**

Expected to fail, if no action is taken before GPS roll over 20/06/2021. Some will be affected by 02/01/2022. It is the type of GPS core module, in the device, that defines when the equipment will be affected by the roll over.

By running the self-test, the unit will display GPS program no. (Press "MENU ESC" follow by "8" to display self-test)

GPS Program no. 4850237\*\*\* and 4850238\*\*\* = Rollover 20/06/2021

If GPS Program no. differs from above = Rollover 02/01/2022

**GP150**

Expected to fail, if no action is taken before GPS roll over 02/01/2022

**GP170**

Date unknown, not urgent!

**FA100**

Expected to fail, if no action is taken before GPS roll over 20/12/2020

**FA150**

Expected to fail, if no action is taken before GPS roll over 02/01/2022

**FA170**

Date unknown, not urgent!

**Temporarily Remedy.**

Carry out "Cold start". And then turn OFF the power and ON again. (GPS positioning is possible, but the date is **not** displayed correctly.)

**Technical solution.**

Upgrade to a newer model!