

FURUNO GPS ROLLOVER - 2022

REGIONAL MANAGERS, PRINCIPAL OFFICERS, SHIP AGENTS, PORT AUTHORITIES, SHIP OWNERS, SHIP MANAGERS, SEAFARERS AND OTHER INTERESTED AND AFFECTED PARTIES

ISSUE DATE	14 February 2022	EXPIRY DATE	Indefinitely or unless withdrawn	REFERENCE	SM6/5/2/1/MSF
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Marine Safety Flash's and/or Marine Notice's and/or Marine Information Notice's affected

<i>Cancelled or superseded:</i>	None	<i>Read in conjunction with:</i>	Not Applicable
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SUMMARY

FURUNO publishes list of 'ROLLOVER 2022' effected navigation and communication units that may show incorrect position and date

It has become apparent that not all vessel Owners, Masters and Officers are aware of the FURUNO GPS rollover that occurred on the 2nd January 2022

A list of effected units are shown below.

When the rollover occurred, the effected GPS units will show the wrong position and incorrect date of May 19th 2002.

Positional Fix can be restored by carrying out a Cold Start. Details given below.

The incorrect date cannot be resolved by a Cold Start. To fix this issue, one will need to carry out a software update. In some cases, the GPS unit may need to be replaced with a newer model.

Future FURUNO Rollover dates: 09 September 2028 and 28 January 2029

Kindly ensure your system is operating and maintained correctly. Contact FURUNO for advice.

SAMSA recommends Owners and Operators with any brand of Navigation and Communication equipment to regularly verify with the manufacturer or supplier that their system has the latest recommended software.

GPS Unit	GPS Core	Remedy
GP-80	GN-8096C/D : 4850264 GN-8097C/D : 4850296	No Remedy Available
GP-90	GN-8096C/D : 4850264 GN-8097C/D : 4850296	No Remedy Available
GP-150	GN-8096C/D : 4850264 GN-8097C/D : 4850296	Update to V4.05
GP-1640	GN-8096C/D : 4850264 GN-8097C/D : 4850296	No Remedy Available
GP-1650	GN-8096C/D : 4850264 GN-8097C/D : 4850296	No Remedy Available
GP-1850	GN-8096C/D : 4850264 GN-8097C/D : 4850296	No Remedy Available
GP-7000	GN-8096C/D : 4850264 GN-8097C/D : 4850296	No Remedy Available
GP-3500	GN-8096C/D : 4850264 GN-8097C/D : 4850296	Update to V6.03
GP-70 Mk2	GB-97 (GN-8098) : 4850311	No Remedy Available

GPS Unit	GPS Core	Remedy
GP-188	GB-97 (GN-8098) : 4850311	No Remedy Available
GP-280/380/680	GB-97 (GN-8098) : 4850311	No Remedy Available
GP-8000	GB-97 (GN-8098) : 4850311	No Remedy Available
PS-8000 Mk2	GB-97 (GN-8098) : 4850311	No Remedy Available
FRS-1000	GB-97 (GN-8098) : 4850311	No Remedy Available
GP-1800	GB-97 (GN-8098) : 4850311	No Remedy Available
GP-500 Mk2	GB-97 (GN-8098) : 4850311	No Remedy Available
GP-3100 Mk2	GB-97 (GN-8098) : 4850311	No Remedy Available
GP-3300	GB-97 (GN-8098) : 4850311	No Remedy Available
GP-32	GN-8093 : 4850264	No Remedy Available
GP-37	GN-8093 : 4850264	No Remedy Available
GP-33 *Serial Numbers Before : 6412-8194	GN8093D/E/F/G/H : 4850264	Update to V2.04
GP-320B	GH-8299	No Remedy Available
GP-330B *Serial Numbers Before : 4457-7001	GH-8299	No Remedy Available
WS-200	GH-8299	No Remedy Available
FA-50	GN8093D/E/F/G/H : 4850264	Update to V2.02
FA-150	GN8093D/E/F/G/H : 4850264	Update to V4.07
SC-30	GN8094C/D/E/F/G : 4850263	Update to V3.03
SC-50/110	GN8094C/D/E/F/G : 4850263	Update to V2.02
**FELCOM-15/16	GN8097B/C/D : 4850296	Update to V3.13 / V5.07
**FELCOM-18 *Serial Numbers Before : 4507-4045	GN8097B/C/D : 4850296	Update to V1.20
**FELCOM-19 *Serial Numbers Before : 3599-2507	GN8097B/C/D : 4850296	Update to V1.20

** FELCOM-15 / FELCOM-16 / FELCOM-18 / FELCOM-19 – These units will only be affected by the GPS Rollover event if they are using the built in GPS receiver. If these units are connected to external GPS data, no action required.

COLD START / MEMORY CLEAR PROCEDURE

MODEL	PROCEDURE
GP-70MK2	Menu > 0 > NEXT > NEXT > Down Arrow > Reverse Mark > ENT
GP-188	Menu > 9 > 9 > 0 > 9 > 1 > 8 > 8 > ENT
GP-80	Menu > 9 > 9 > Clear GPS > Yes > ENT
GP-90	Menu > 9 > 9 > Clear GPS > Yes > ENT
GP-150	Menu > 9 > 9 > Clear GPS > Yes > ENT
GP-1640	Menu > Configuration > System Menu > Memory/Trip Clear > Clear GPS Memory
GP-1650 / GP1850	Menu > Configuration > System Menu > Memory/Trip Clear > Clear GPS Memory
GP-280 / GP-380 / GP-680	Menu > 9 > 2 > Cold Start > Yes
GP-1800	Menu > 9 > Clear Memory > GPS > ENT *Then turn power off / on
GP-500 Mk2	Menu > 9 > 6 > CLR > 1 > ENT
FRS-1000	PLTR MENU/ESC > 0 > 7 > Page 4 "Back to Defaults" > GPS RCVR > ENT > ENT
PS-8000 Mk2	PLTR MENU/ESC > 0 > 7 > Clear Memory > GPS > ENT > ENT
GP-7000	Menu > Advanced > Input/Output > Internal GPS setup > Restart GPS
GP-8000	Menu > 8 > Down Arrow > Clear Memory > All
GP-3100 / GP-3300	Menu > 8 > GPS Initial Settings > Cold Start > Yes

MODEL	PROCEDURE
GP-3500	Menu 0 > 6 > 5 > GPS Cold Start
GP32 / GP-37	Menu > Erase > ENT > GPS Data > ENT > Erase GPS Data > Yes > ENT
GP-33	Menu > System > ENT > Reset > ENT > GPS > ENT > On > ENT > Yes > ENT
GP-320B	When NAV1 is connected it is available from "GPS Sensor Settings"
GP-330B	Unit activates a Cold Start at every start up
WS-200	Unit activates a Cold Start at every start up
FA-50	Cold Start from Menu is not available
FA-150	Menu > Diagnostics > Memory Clear > GPS Cold Start
SC-30	Unit activates a Cold Start at every start up
SC-50 / SC-110	Menu > Erase > GPS Data > Yes > ENT
FELCOM-15/16	Cold Start from Menu is not available
FELCOM-18/19	Cold Start from Menu is not available

Reference: [GPS Rollover - January 2022 - Updated to Include FA-150 Cold Start - Furuno UK](#)

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