Futronic MKII
PC Report
User's Manual

Version 8 April 2022

DANPHONE

**INTRODUCTION**

Futronic PC Report Software allows you to:

- View all test results and save them on a PC
- Create AIS and EPIRB reports
- Check for updates.

How to download and install

1) Download Futronic MKII PC Report from Danphone's website:
   (Download here)
2) Open the zipped file.
3) Double click on the file installation guide and follow the instructions.
4) Once installed, the PC program will open a 3 tabled dialogue box on your PC Screen

File – About – Check for updates

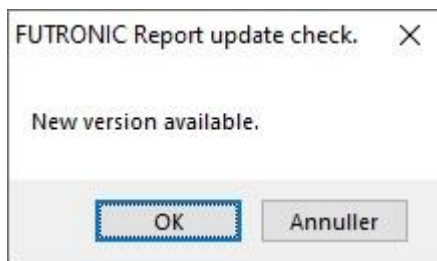The tabs are explained on the following pages.
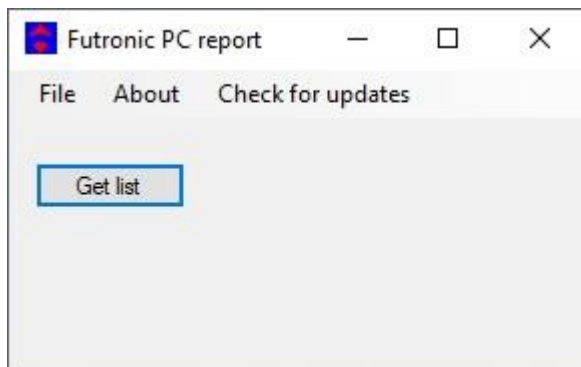
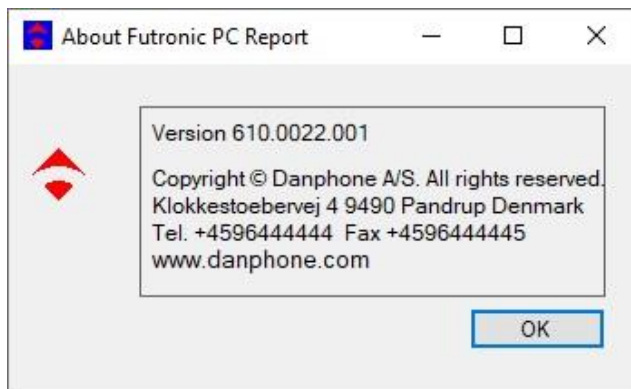Connect Futronic MKII to your PC Via USB cable and turn on the test box.

If the Futronic test box is not connected to the PC, this pop-up appears. Check the connection between the test box and PC.

Warning ✕

Unable to connect to Futronic MKII!

OK

To check for updates, press the tab **Check for Updates**. If there is a new update, this dialog box will appear. Click 'OK' and follow the instructions on the screen.

FUTRONIC Report update check. ✕

New version available.

OK   Annuller

In the tab **About** see which software version you have.

About Futronic PC Report — ☐ ✕

Version 610.0022.001

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OK

The **Get List** tab provides access to all the tests and test results stored in the test box.

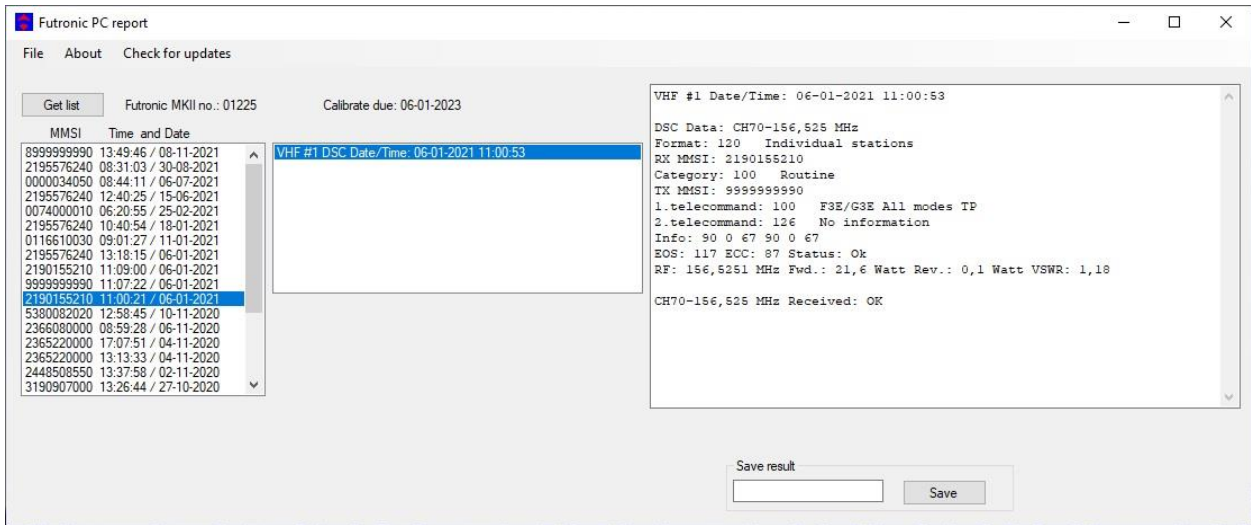The list is indexed by date with the latest test on top.
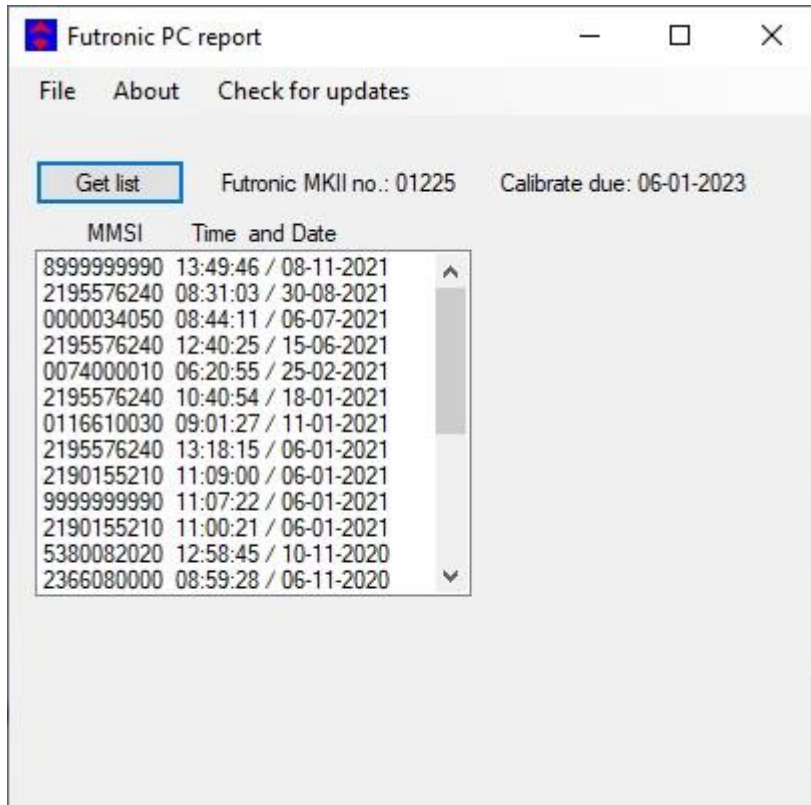
Choose the desired MMSI number and date, the tests from this date will appear in the window in the middle as seen below.

Please note that you can only see test results from the test box that are connected to the PC.
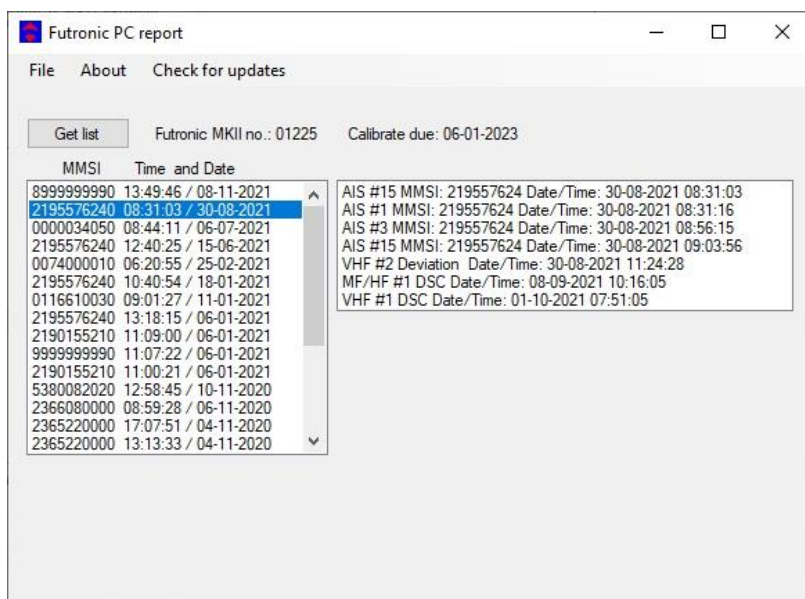
Choose the desired test data and the test results are displayed in the window at the right-hand side.
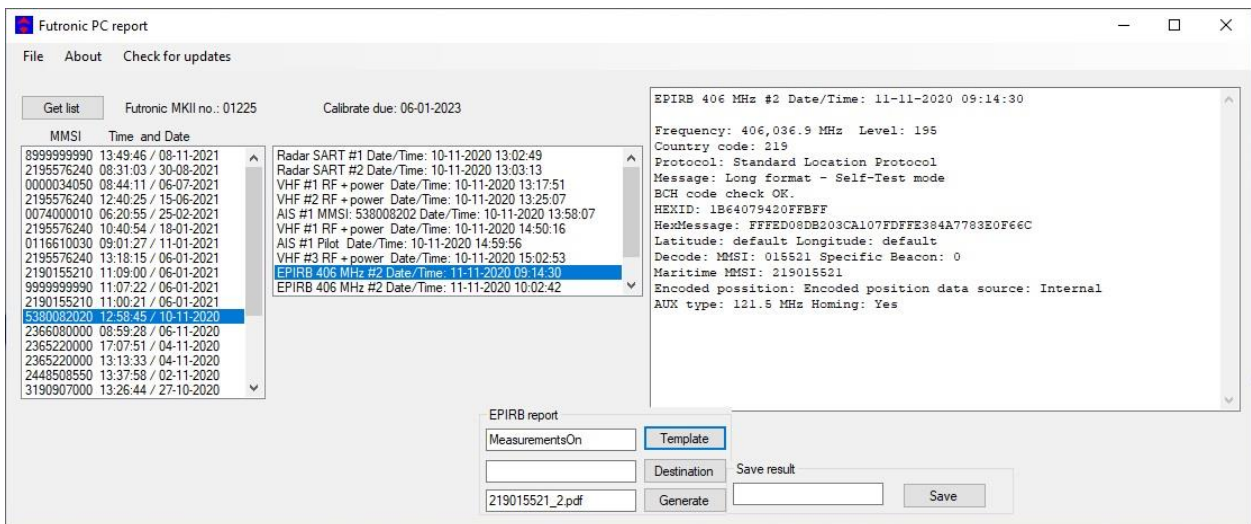

If the software does not allow you to automatically create reports, you can save the results by pressing **Save.**
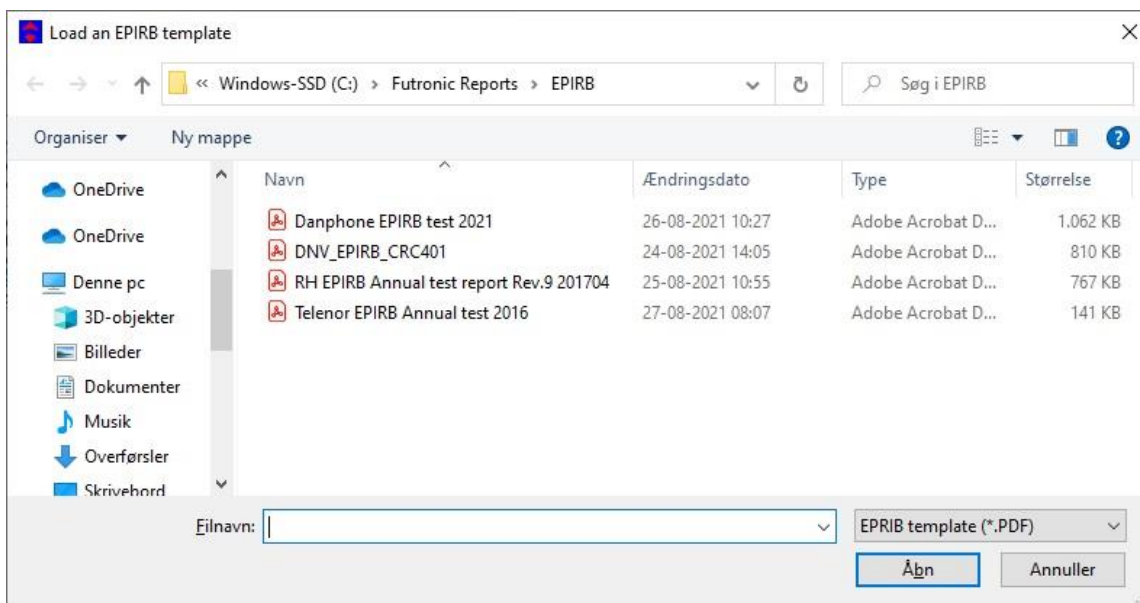
This allows you to save the results on a PC and bring them into your own rest report format if needed.

Create EPIRB Report

Click on the desired EPIRB test results. You will now see the test results at the right side.

You can choose 'Template', 'Destination' and 'Generate'. By pressing 'Template' this dialog box appears.

Choose between 5 IMO approved EPIRB report templates.

Press 'Destination' to choose where to save the EPIRB report on your PC.

Press 'Generate' and the report will se saved at the chosen destination and a new window will open with the EPIRB report.
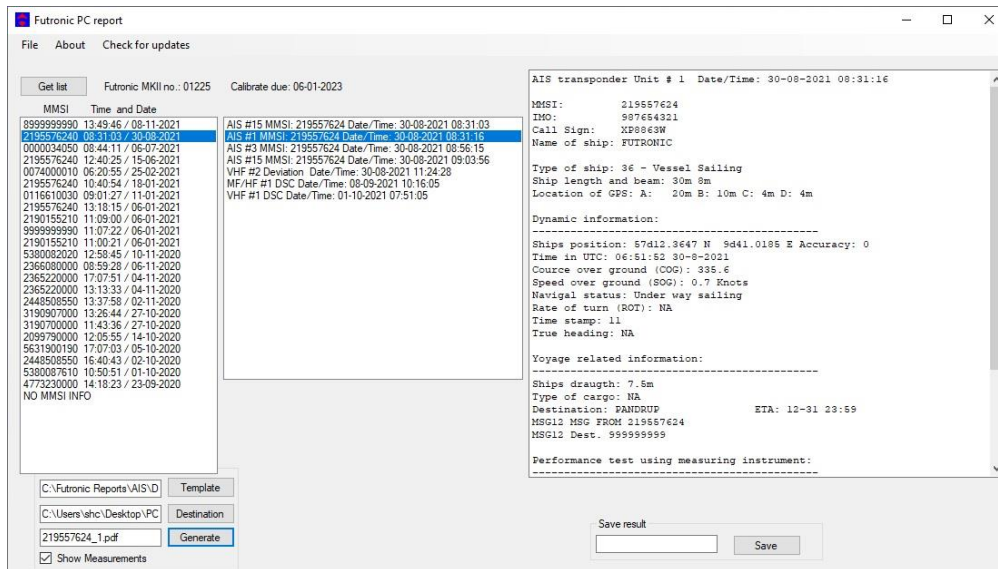

EPIRB Test Report with Danphone template

Fill in the last information and your EPIRB report is ready.

Create AIS Report

Click on the desired AIS test results. You will now see the test results at the right side.

By pressing 'Destination' you can choose where to save the AIS report on your PC.

Choose between 8 IMO approved AIS test report templates to create a report.
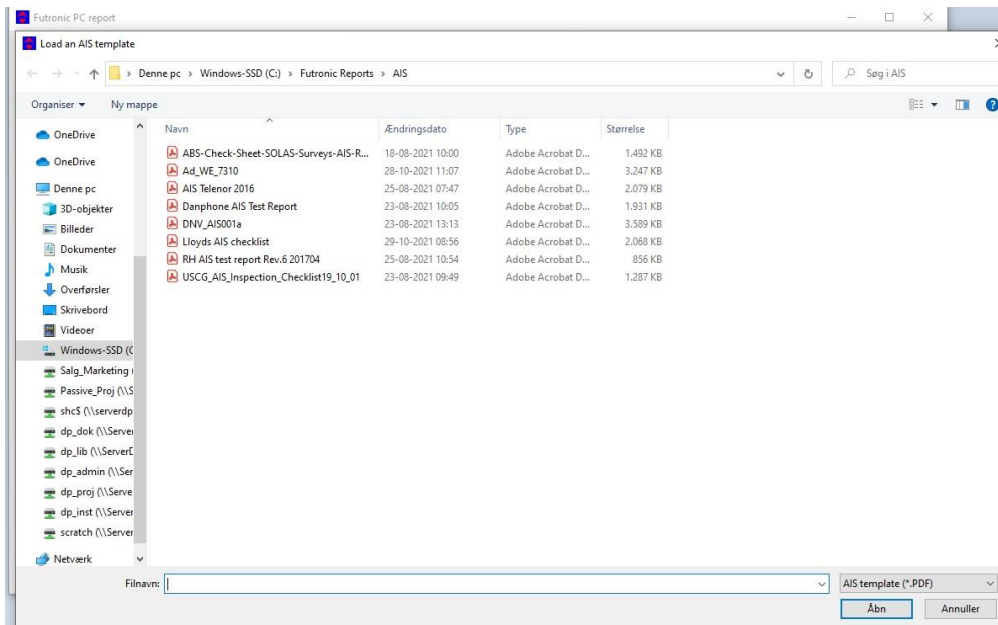
When ready to create your AIS report press 'Generate' and a report will be saved at the chosen destination on your PC.

A new window will open with the AIS report.

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Danphone A/S report 1252

APPENDIX AUTOMATIC IDENTIFICATION SYSTEM (AIS) TEST REPORT

Name of ship/call sign:	FUTRONIC / XP8863W
MMSI number:	219557624
Port of registry:	Danphone
IMO Number:	987654321
Gross tonnage:	
Date keel laid:	

1.	Installation details	
	Item	Status
1.1	AIS transponder type:	
1.2	Type approval certificate	
1.3	Initial installation configuration report on board?	
1.4	Drawings provided? (Antenna-, AIS-arrangement and block diagram)	
1.5	Main source of electrical power,	
1.6	Emergency source of electrical power,	
1.7	Capacity to be verified if the AIS is connected to a battery	
1.8	Pilot plug near pilots operating position?	
1.9	120 V AC provided near pilot plug? (Panama and St. Lawrence requirement)	

2.	AIS programming – Static information		
2.1	MMSI number	219557624	Yes
2.2	IMO number	987654321	Yes
2.3	Radio call sign	XP8863W	Yes
2.4	Name of ship	FUTRONIC	Yes
2.5	Type of ship	36 - Vessel Sailing	Yes
2.6	Ship length and beam	30m 8m	
2.7	Location of GPS antenna	20m B: 10m C: 4m D: 4m	

3.	AIS programming – Dynamic information	9441.0185 N 57d12.3647 N Low > 10m	
3.1	Ships position with accuracy and integrity status (Source: GNSS)		Yes
3.2	Time in UTC (Source: GNSS)	06:51:52 30-8-2021	Yes
3.3	Course over ground (COG) (will fluctuate at dockside) (Source GNSS)	335.6	Yes
3.4	Speed over ground (SOG) (zero at dockside) (Source: GNSS)	0.7 Knots	Yes
3.5	Heading (Source: Gyro)	NA	NA
3.6	Navigational status	8 - Under way sailing	Yes
3.7	Rate of turn, where available (ROT)	NA	NA
3.8	Angle of heel, pitch and roll, where available		

4.	AIS programming – voyage related information		
4.1	Ships draught	7.5m	Yes
4.2	Type of cargo	NA	NA
4.3	Destination and ETA (at masters discretion)	PANDRUP 12-31 23:59	Yes
4.4	Route plan (optional)		
4.5	Short safety-related messages	MSG FROM 219557624	Yes

5.	Performance test using measuring instrument Futronic MKII no.: 01225. Calibrate due: 06-01-2023	
5.1	Frequency measurements AIS ch. 1 and 2, GMDSS ch. 70 161.975,0 MHz,162.02	
5.2	Transmitting output, AIS ch. 1 and 2, GMDSS ch. 70 F:10.5W R:0.6W,F:10.5W	
5.3	Polling information ch. 70	NA
5.4	Read data from AIS	Yes
5.5	Send data to AIS	Yes
5.6	Check AIS response to "virtual vessels"	Yes

6.	"On air" performance test	
6.1	Check reception performance	Yes
6.2	Confirm reception of own signal from other ship/VTS	NA
6.3	Polling by VTS/shore installation	NA

Electromagnetic interference from AIS observed to other installations?:

Remarks:

The AIS has been tested according to IMO SN/Circ.227 and resolution MSC.74(69), annex 3

Name of Radio Inspector	Date and place	Name of Radio Inspector Company

AIS Test report with Danphone template

Fill in the last information and your AIS report is ready.