Futronic MKII
PC Report
User's Manual

Version 14 Marts 2024

This manual supports software
version 610.0022.014

DANPHONE

**INTRODUCTION**

Futronic PC Report Software allows you to:

,
- View all test results and save them on a PC
- Create AIS, EPIRB and EPIRB-AIS 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

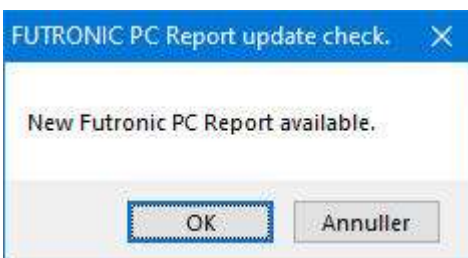**File – Settings - About – Check for updates**

The tabs are explained on the following pages.
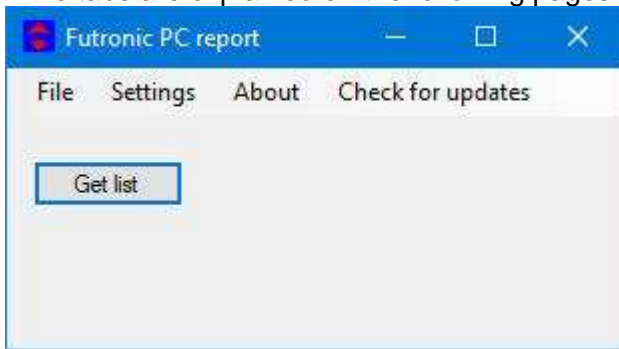
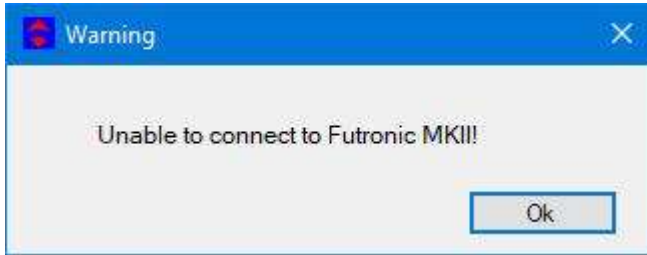Automatic check for updates at startup.
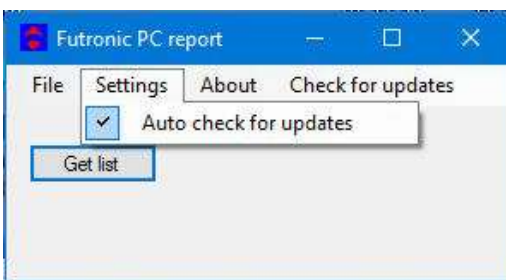
If you do not want automatic check, you can check for updates by pressing the tab **Check for Updates**. If there is a new update, this dialog box will appear. Click 'OK' and follow the instructions on the screen.
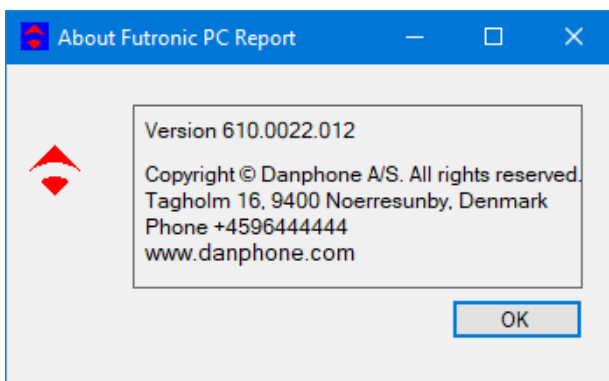
Connect Futronic MKII to your PC Via USB cable and turn on the test box.

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

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

About Futronic PC Report — ☐ ✕

Version 610.0022.012

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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.
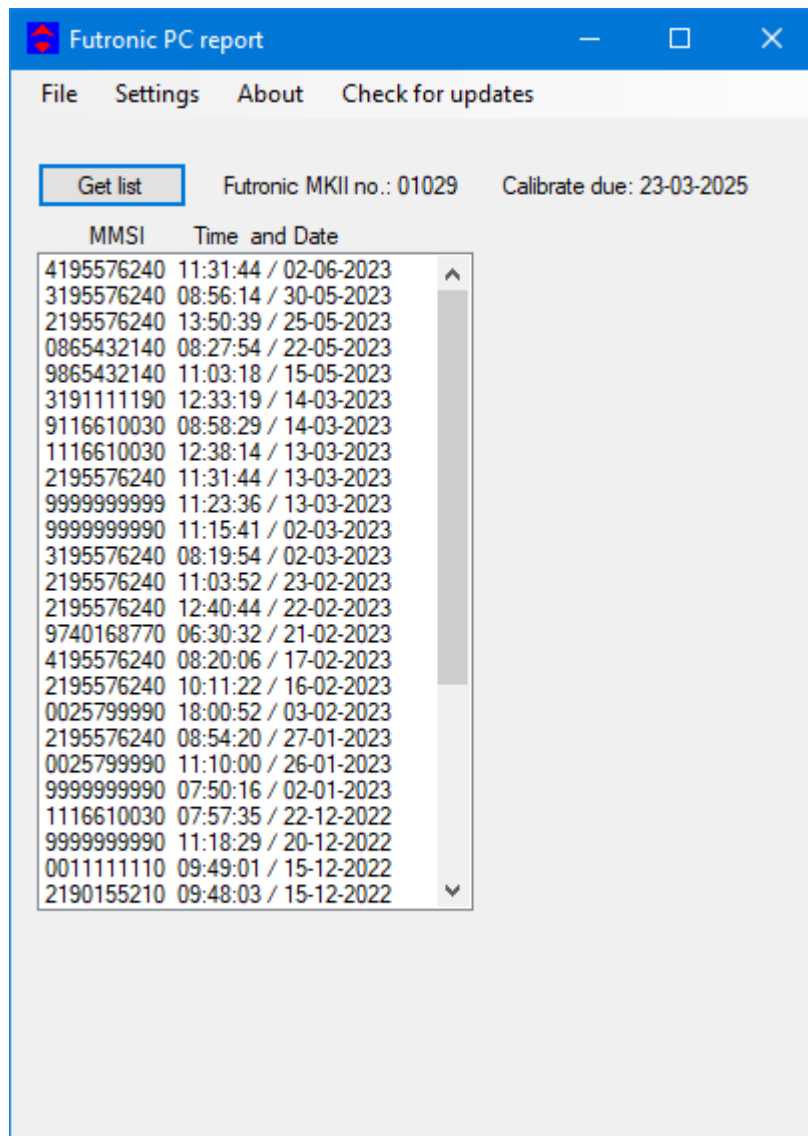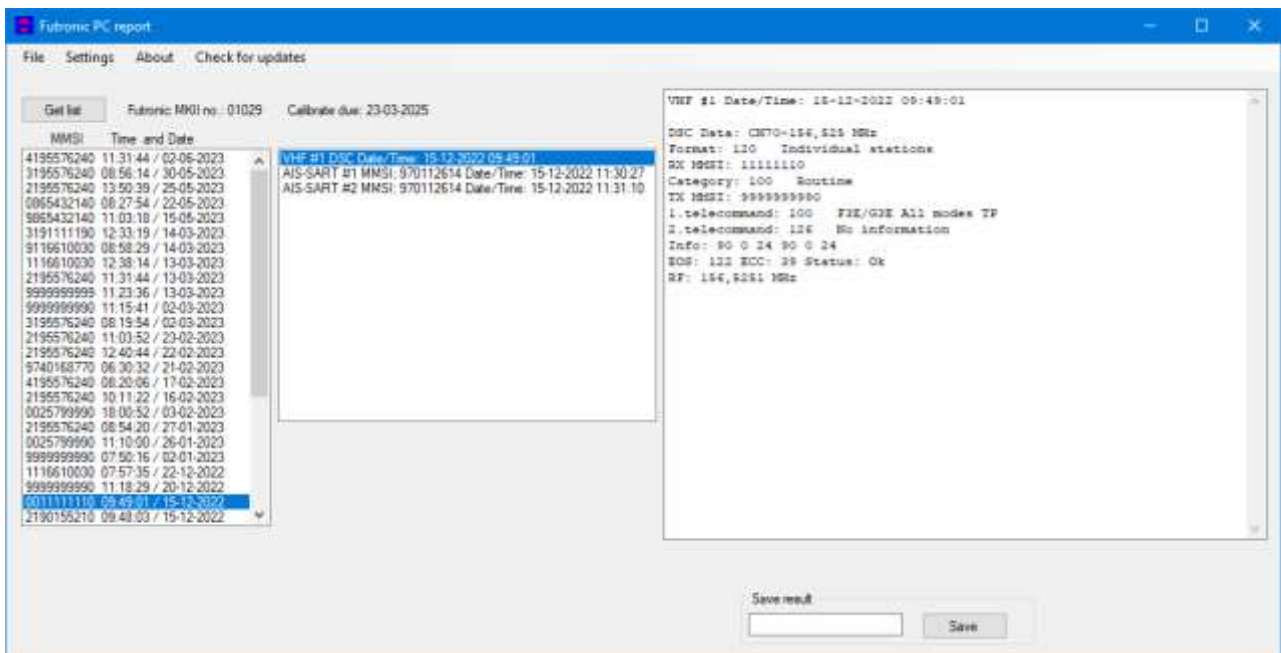

Choose the desired MMSI number and date, the tests from this date will appear in the window in the middle as seen below.

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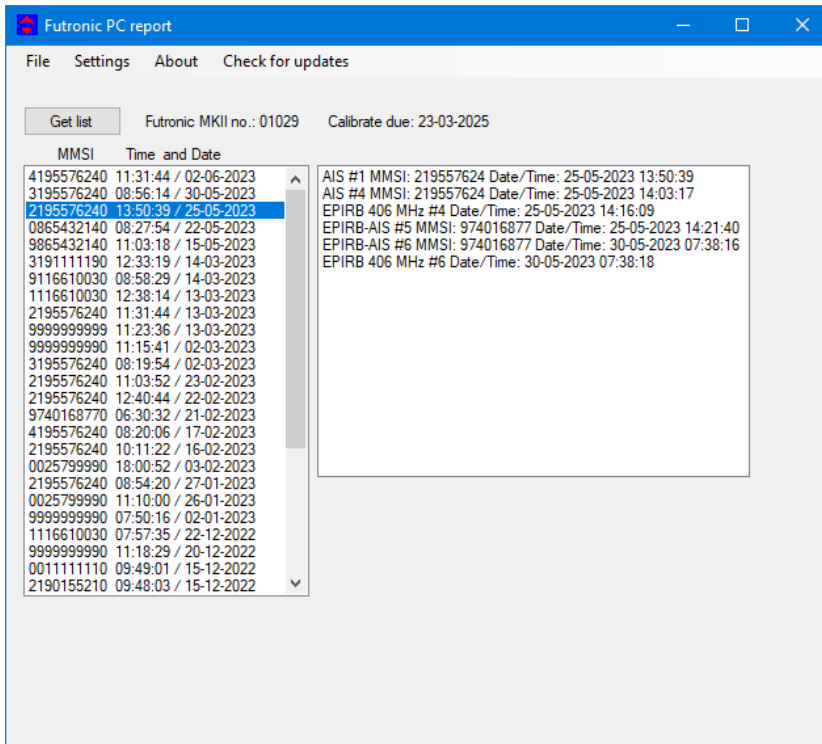
Choose the desired test data and the test results are displayed in the window at the right-hand side.
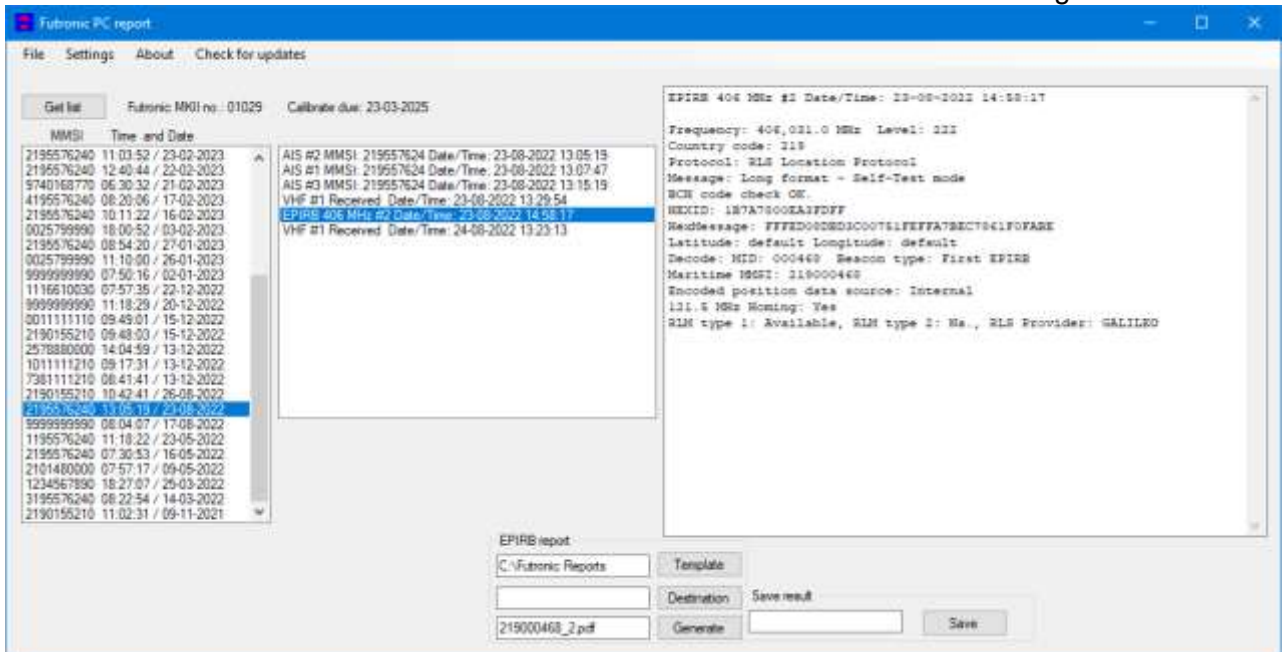

If the software does not allow you to automatically create reports, you can save the results by pressing **Save.**
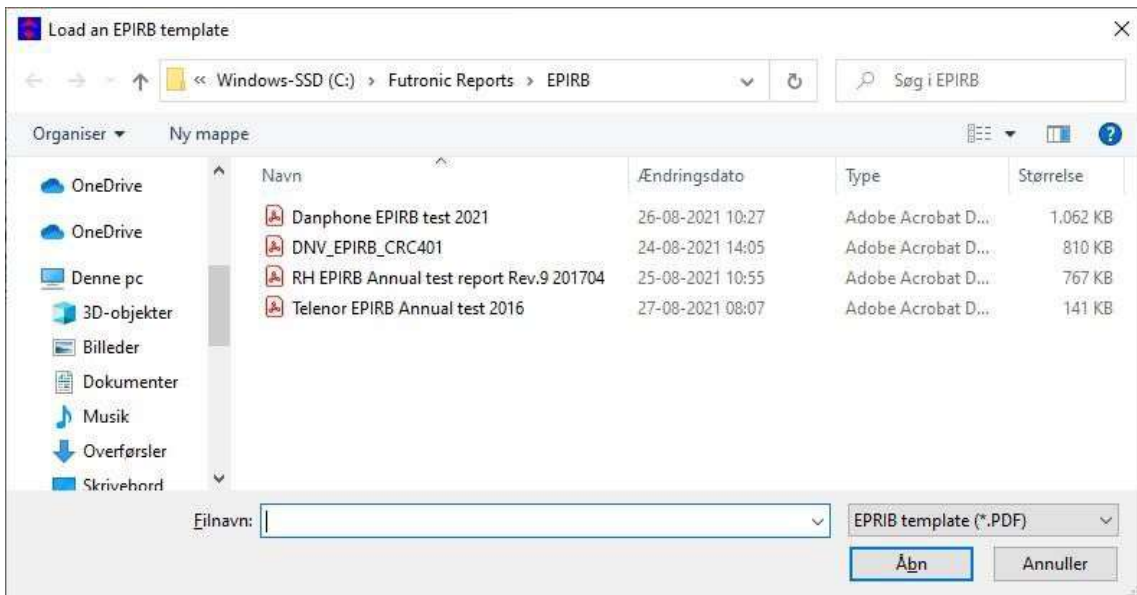
This allows you to save the results on a PC and bring them into your own rest report format if needed.

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

EPIRB Test Report

Beacon Data

Beacon manufacturer:

Beacon name:

Beacon model:

Beacon serial number:

Beacon frequency: 406.031 MHz

Bracket type:

Bracket serial number:

Hydrostatic release expiry:

Battery expiry:

Attached lanyard test

Beacon Location

Vessel name:

Test Results

Frequency measured: 406,031.0 kHz

RF level measured: 222

Message decoding: BCH code check ok

Hex message: FFFED08DBD3C00751FEFFA7BEC7861F0FABE

Message format: Long format - Self-Test mode

Protocol: RLS Location Protocol

Country code: 219

Unique ID: 1B7A7800EA3FDFF

Decoded message: MID: 000468 Beacon type: First EPIRB

Encoded position data source: Internal

121.5 MHz Homing: Yes

RLM type 1: Available, RLM type 2: Na., RLS Provider: GALILEO

Latitude: default Longitude: default

Date for next shore-based maintenance:

Test Instrument

Serial number: Futronic MKII no.: 01029

Calibration due: 23-03-2025

Test Performed

Time / Date: 14:58:17 23-08-2022

Company:

Test responsible:

Signature:

Futronic MKII Maritime Communications Test Box manufactured by **DANPHONE**
Danphone EPIRB 02062023

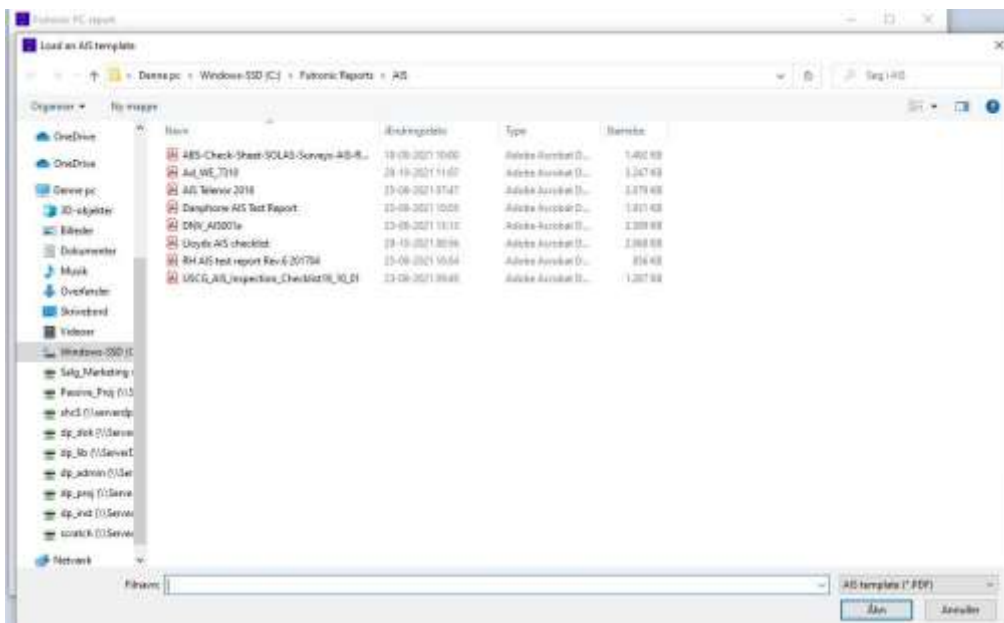Fill in the last information and your EPIRB report is ready.

Create AIS Report

Click on the desired AIS test results. You will now see the test results at the right side.
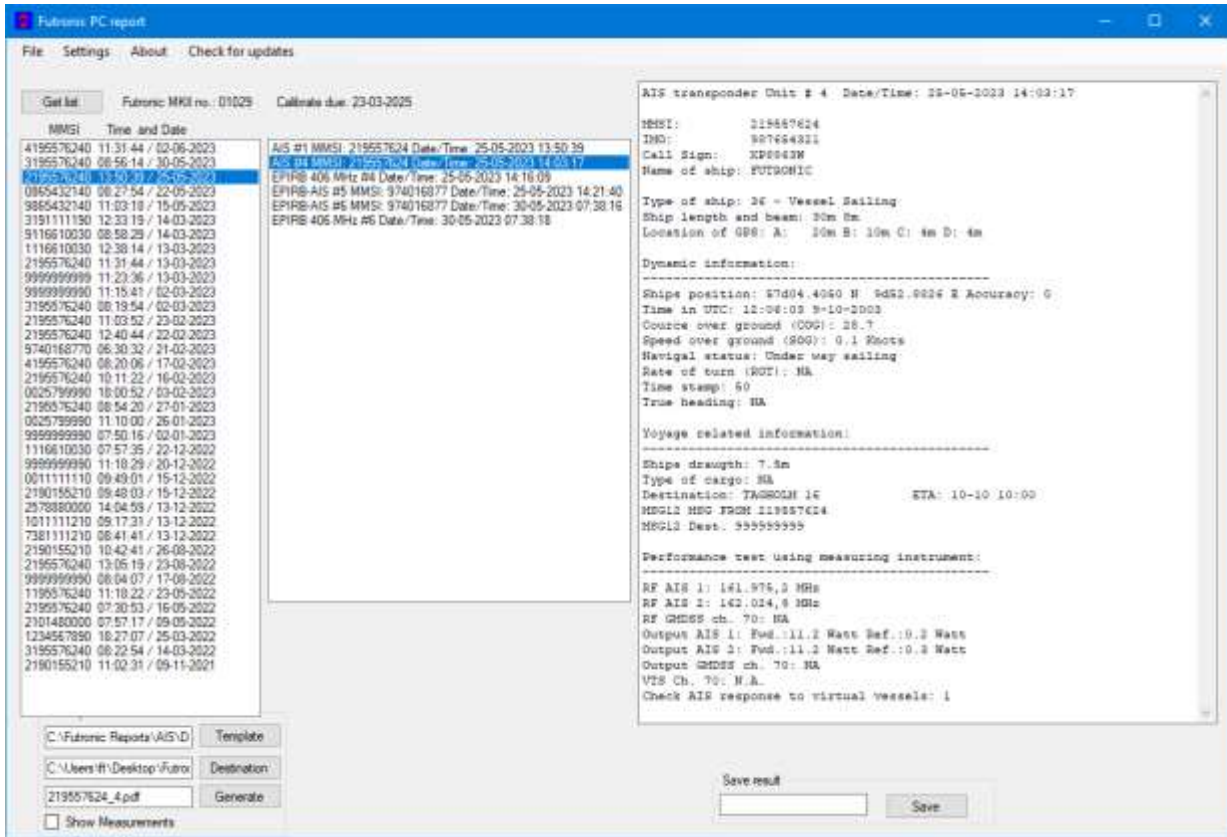
By pressing 'Destination' you can choose where to save the AIS report on your PC.

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.

AIS Test report with Danphone template

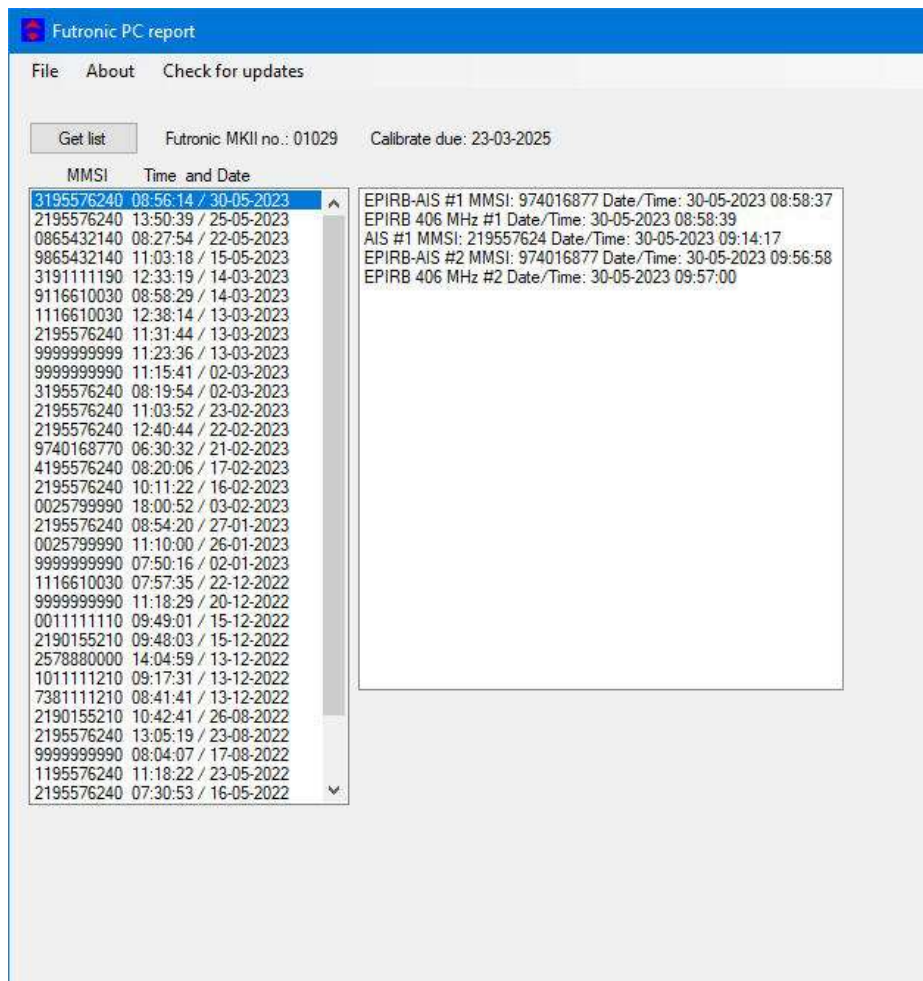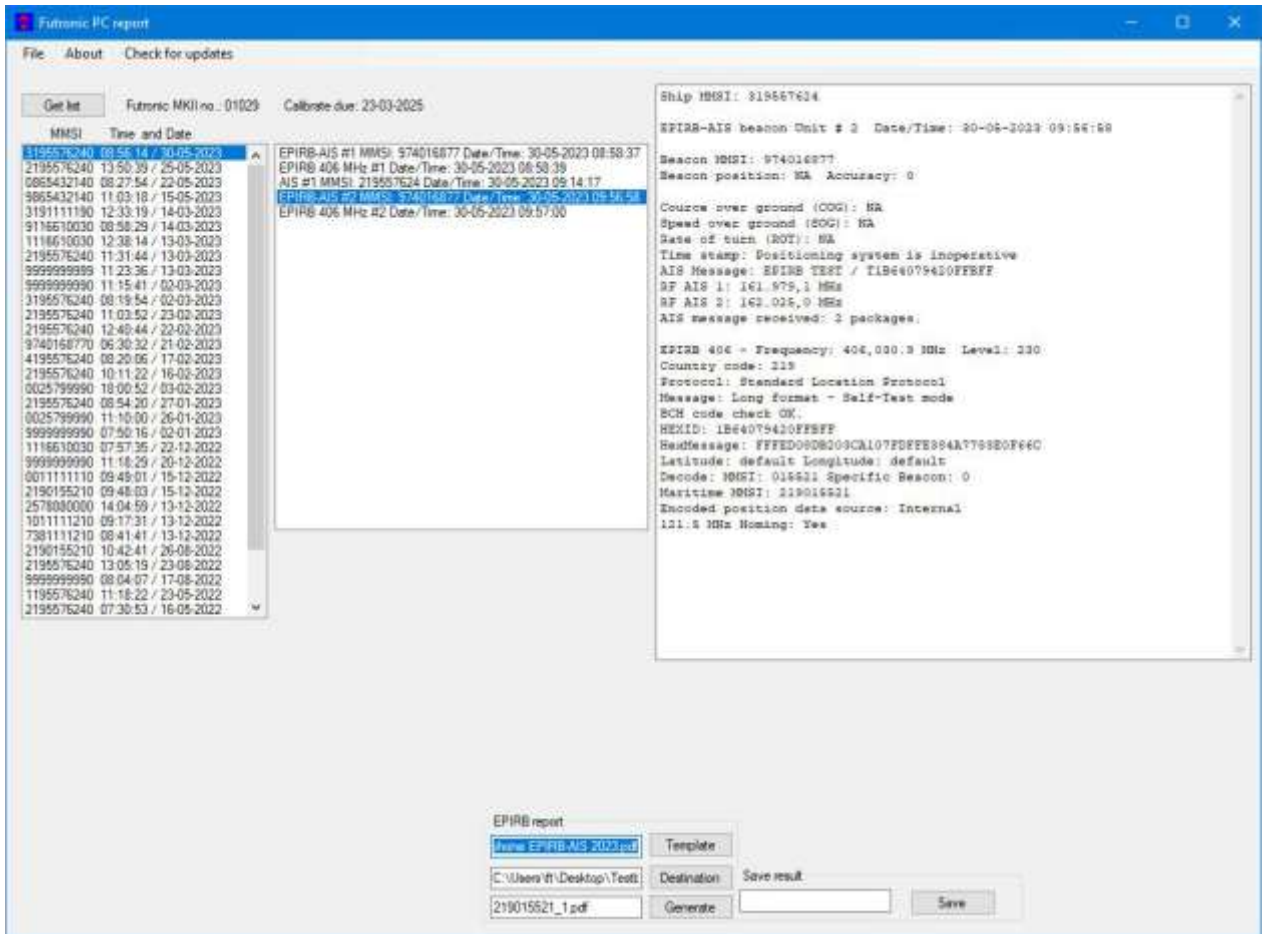Fill in the last information and your AIS report is ready.

Create EPIRB-AIS Report

Select the EPIRB-AIS beacon in the right window.

The data for the select EPIRB-AIS is shown in the new window.

Select the template for Danphone EPRIB-AIS and generate the EPIRB-AIS report.

EPIRB-AIS Test Report

Beacon Data

Beacon manufacturer:
Beacon name:
Beacon model:
Beacon serial number:
Beacon frequency: 406.031 MHz
Bracket type:
Bracket serial number:
Hydrostatic release expiry:
Battery expiry:
Attached lanyard test
Beacon Location
Vessel name:

Test Results

Frequency measured: 406,030.9 kHz
RF level measured: 230
Message decoding: BCH code check ok
Hex message: FFFED08DB203CA107FDFFE384A7783E0F66C
Message format: Long format - Self-Test mode
Protocol: Standard Location Protocol
Country code: 219
Unique ID: 1B64079420FFBFF
Decoded message: MMSI: 015521 Specific Beacon: 0

Encoded position data source: Internal

121.5 MHz Homing: Yes

Latitude: default Longitude: default

Frequency AIS 1/2: 161.979,1 MHz   162.025,0 MHz
AIS User ID: 974016877
Navigational status: NA
Longitude: Latitude: NA   NA
AIS Message: EPIRB TEST / T1B64079420FFBFF

Date for next shore-based
maintenance:

Test Instrument

Serial number: Futronic MKII no.: 01029
Calibration due: 23-03-2025
Test Performed
Time / Date: 09:56:59 30-05-2023
Company:
Test responsible:
Signature: