

Version 8 August 2023

This manual supports software version 610.0022.009



Tagholm 16. DK-9490 Noerresundby. Denmark Tel: +45 96 44 44 44, Fax: +45 96 44 44 45 E-mail: danphone@danphone.com, www.danphone.com



INTRODUCTION

Futronic PC Report Software allows you to:

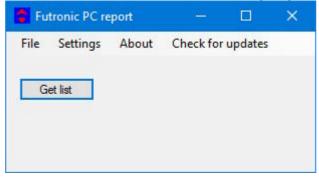
- View all test results and save them on a PC
- Create AIS, EPIRB and EPIRB-AIS reports
- Check for updates.

How to download and install

- 1) Download Futronic MKII PC Report from Danphone's website: (<u>Download here</u>)
- 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.

Fu	tronic PC re	port			×
File	Settings	About	Check	for updat	tes
	 Auto 	check fo	r updates		
G	et list			_	

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.

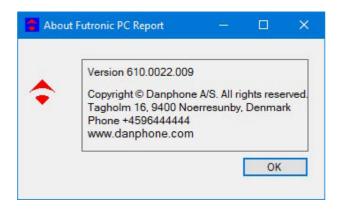
FUTRONIC PC Report upda	te check. 🛛 🗙
New Futronic PC Report a	vailable.
ОК	Annuller

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.



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.

Get list Futronic MKII no.: 010	29 Calibrate due: 23-03-2025		
MMSI Time and Date			
4195576240 11:31:44 / 02-06-2023 3195576240 08:56:14 / 30-05-2023 2195576240 08:56:14 / 22-05-2023 0865432140 08:27:54 / 22-05-2023 9865432140 08:27:54 / 22-05-2023 9865432140 08:27:54 / 22-05-2023 9116110030 08:58:29 / 14-03-2023 9116110031 12:38:14 / 13-03-2023 9999999990 11:54:14 / 13-03-2023 9999999990 11:54:14 / 02-03-2023 2195576240 08:19:54 / 02-03-2023 2195576240 08:19:54 / 02-03-2023 2195576240 08:10:52 / 23-02-2023 2195576240 08:20:64 / 17-02-2023 2195576240 08:00:52 / 03-02-2023 2195576240 08:00:52 / 03-02-2023 2195576240 08:00:62 / 7-01-2023 2195576240 08:01:52 / 27-01-2023 999999990 11:00:02 / 27-01-2023 999999990 11:00:02 / 27-01-2023 999999990 11:60:0030 07:57:55 / 22-12-2022 9999999990 11:16:10:00 09:40:01 / 15-12-2022 99999999990 11:18:29 / 20-12-2022 2999999999	▲ AIS #1 MMSI: 219557624 Date/Time: 25-0: AIS #4 MMSI: 219557624 Date/Time: 25-0: EPIRB 406 MHz #4 Date/Time: 25-0:5-2023 EPIRB-AIS #5 MMSI: 974016877 Date/Tim EPIRB-AIS #6 MMSI: 974016877 Date/Tim EPIRB 406 MHz #6 Date/Time: 30-05-2023	5-2023 14:03:17 3 14:16:09 ie: 25-05-2023 14:21:40 ie: 30-05-2023 07:38:16	

Choose the desired test data and the test results are displayed in the window at the right-hand side.

Get list Futronic MKII no.: 01029 Calibrate due: 23-03-2025 MMSI Time and Date	VHF #1 Date/Time: 15-12-2022 09:49:01 DSC Data: CH70-156,525 MHz	
Get list Futronic MKII no.: 01029 Calibrate due: 23-03-2025 MMSI Time and Date		
3195576240 08:56:14 / 30:05:2023 2195576240 08:56:14 / 30:05:2023 2195576240 03:50:39 / 25:05:2023 9065432140 08:27:54 / 22:05:2023 9065432140 01:23:31:49 / 14:03:2023 919111190 12:33:19 / 14:03:2023 9116610030 08:58:29 / 14:03:2023 9116610030 12:38:14 / 13:03:2023	Sormat: 120 Individual stations RX MMSI: 1111110 Category: 100 Routine TX MMSI: 9999999990 1.telecommand: 100 F3E/G3E All modes TP 2.telecommand: 126 No information Info: 90 0 24 90 0 24 EOS: 122 ECC: 39 Status: Ok RF: 156,5261 MHz	~
	Save result Save	

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.

Futronic PC report	- 🗆 X
File Settings About Check for updates	
Get list Futronic MKII no.: 01029 Calibrate due: 23-03-2025 MMSI Time and Date 2195576240 11:03-52/23-02-2023 Als #2 MMSI: 219557624 Date/Time: 23 9740168770 66:30:32/21-02-2023 Als #1 MMSI: 219557624 Date/Time: 23 9740158770 68:30:32/21-02-2023 Als #1 MMSI: 219557624 Date/Time: 23 9740158770 08:30:32/21-02-2023 Als #3 MMSI: 219557624 Date/Time: 23 025579390 18:0:52/0-02-2023 Als #3 MMSI: 219557624 Date/Time: 23-08-202 2195576240 08:54:20/27-01-2023 Als #3 MMSI: 219557624 Date/Time: 23-08-202 2195576240 08:54:20/27-01-2023 Als #3 MMSI: 219557624 Date/Time: 24-08-202 999999990 07:50:16 / 02-01-2023 Als #3 MMSI: 219557624 Date/Time: 24-08-202 999999990 07:50:16 / 02-01-2023 Als #3 MMSI: 219557624 Date/Time: 24-08-202 1111612003 07:50:16 / 02-01-2023 Als #3 MMSI: 219557624 Date/Time: 24-08-202 2190155210 09:40:17:18-22 27:880000 11:00:27:8972 2190155210 09:40:40/7/17:08-2022 21:3857624 11:18:22 / 20-12:2022 2190155210 19:40:71/14:17:18:22 20:89:202 21:34567820 <td>08-2022 13:07:47 Protocol: RLS Location Protocol 08-2022 13:15:19 Message: Long format - Self-Test mode 213:29:54 BCH code check OK. HEXID: 1B7A7800EA3FDFF HEXID: 1B7A7800EA3FDFF</td>	08-2022 13:07:47 Protocol: RLS Location Protocol 08-2022 13:15:19 Message: Long format - Self-Test mode 213:29:54 BCH code check OK. HEXID: 1B7A7800EA3FDFF HEXID: 1B7A7800EA3FDFF
	PIRB report \Futronic Reports Template
	Destination Save result
2	

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

· · •	« Wind	dows-SSD (C:) > Futronic Reports > EPIRB	ٽ v	,○ Søg i EPIRB	
)rganiser 👻 N	y mappe				- 🔳 🌘
📥 OneDrive	^	Navn	Ændringsdato	Туре	Størrelse
OneDrive		Danphone EPIRB test 2021	26-08-2021 10:27	Adobe Acrobat D	1.062 KE
oneprive		DNV_EPIRB_CRC401	24-08-2021 14:05	Adobe Acrobat D	810 KE
📃 Denne pc		🙈 RH EPIRB Annual test report Rev.9 201704	25-08-2021 10:55	Adobe Acrobat D	767 KE
🗊 3D-objekter		😹 Telenor EPIRB Annual test 2016	27-08-2021 08:07	Adobe Acrobat D	141 KE
E Billeder					
🗄 Dokumenter					
👃 Musik					
👃 Overførsler					
Skrivebord	~				
	<u>F</u> ilnavn:			EPRIB template (*.P	DF) v

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

Beacon Data			
Beacon manufac	turer:		
Beacon name:			
Beacon model:			
Beacon serial nu	mber:		
Beacon frequence	ey:	406.031 MHz	
Bracket type:			
Bracket serial nu	mber:		
Hydrostatic relea	se expiry:		
Battery expiry:			
Attached lanyard			
Beacon Locatio	n		
Vessel name:			
Message format: Protocol: Country code: Unique ID: Decoded messa	RLS 219 1B7 Enc 121 RLN Lati	g format - Self-Test mode 3 Location Protocol A7800EA3FDFF 0: 000468 Beacon type: First EPIRB oded position data source: Internal 5 MHz Homing: Yes 4 type 1: Available, RLM type 2: Na., RL tude: default Longitude: default	S Provider: GALILEO
Date for next sho maintenance:	ore-based		
Test Instrument			
Serial number:	Futronic 1	MKII no.: 01029	
Calibration due:	23-03-20	25	
Test Performed			
Time / Date:	14:58:17	23-08-2022	
Company:			
To at an an an ailela.	3		
Test responsible: Signature:			

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.

Futronic PC report		- 🗆
e Settings About Check for up	odates	
Get list Futronic MKII no.: 01029	Calibrate due: 23-03-2025	AIS transponder Unit # 4 Date/Time: 25-05-2023 14:03:17
MMSI Time and Date MMSI Time and Date S5576240 13:54/ 0.06:2023 35576240 0:55:14/ 30:045 20:32 35576240 0:55:14/ 30:045 20:32 35576240 0:55:14/ 30:045 20:32 35576240 0:35:14/ 13:04 20:32 35576240 0:35:18/ 15:020 30:31 35576240 0:35:29/ 14:03:2023 30:31 35576240 0:35:29/ 14:03:2023 30:35:576240 30:32 395999990 11:15:4/ 14:03:2023 30:35:576240 30:32 22:10:22023 35576240 0:15:57/ 10:35:2/ 22:022 30:35:576240 30:32 22:10:22023 35576240 0:5:2/ 0:0:2:20:32 32:55:7240 30:32 22:10:22023 35576240 0:5:2/ 0:0:2:20:32 35:576240 10:0:2/ 20:22 35576240 0:5:2/ 0:0:22:022 30:3999990 10:0:2/ 20:22 30:39999990 1	AIS #1 MMSI: 219557624 Date/Tme: 25-05-2023 13:50:39 AIS #4 MMSI: 219557624 Date/Tme: 25-05-2023 14:01:70 EPIRB40KH: #4 Date/Tme: 25-05-2023 14:16:09 EPIRBA/S #5 MMSI: 974016877 Date/Tme: 30-05-2023 07:38:16 EPIRB 406 MHz #6 Date/Time: 30-05-2023 07:38:18	MMSI: 219557624 IMO: 987654321 Call Sign: XP964534 Name of ship: FUTRONIC Type of ship: 36 - Vessel Sailing Ship length and beam: 30m Sm Location of GPS: A: Dynamic information:
95576240 08:22:54 / 14-03-2022 90155210 11:02:31 / 09-11-2021		Output AIS 2: Fwd.:11.2 Watt Ref.:0.3 Watt Output GMDSS ch. 70: NA VTS Ch. 70: N.A.
		Check AIS response to virtual vessels: 1
C:\Futronic Reports\AIS\D Template	3	
C:\Users\ft\Desktop\Futroi Destinatio	n	
219557624 4.pdf Generate		Save result
Show Measurements		Save

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.

Load an AIS template						
⇒ ~ ↑ 📙 > De	enne pc > Windows-SSD (C:) > Futronic Reports	> AIS			٩ ७ ٧	Søg i AIS
Irganiser 👻 Ny map	pe					BII • 🔲
OneDrive	Navn	Ændringsdato	Туре	Størrelse		
0.0	ABS-Check-Sheet-SOLAS-Surveys-AIS-R	18-08-2021 10:00	Adobe Acrobat D	1.492 KB		
OneDrive	Ad_WE_7310	28-10-2021 11:07	Adobe Acrobat D	3.247 KB		
Denne pc	🛃 AIS Telenor 2016	25-08-2021 07:47	Adobe Acrobat D	2.079 KB		
3D-objekter	📕 Danphone AIS Test Report	23-08-2021 10:05	Adobe Acrobat D	1.931 KB		
Billeder	DNV_AIS001a	23-08-2021 13:13	Adobe Acrobat D	3.589 KB		
Dokumenter	🛃 Lloyds AIS checklist	29-10-2021 08:56	Adobe Acrobat D	2.068 KB		
Musik	🛃 RH AIS test report Rev.6 201704	25-08-2021 10:54	Adobe Acrobat D	856 KB		
	USCG_AIS_Inspection_Checklist19_10_01	23-08-2021 09:49	Adobe Acrobat D	1.287 KB		
Uverførsler						
Skrivebord						
Videoer						
Windows-SSD (C						
🛫 Salg_Marketing (
🛖 Passive_Proj (\\S						
🛫 shc\$ (\\serverdp						
🛫 dp_dok (\\Servei						
🛫 dp_lib (\\ServerE						
🛖 dp_admin (\\Ser						
👳 dp_proj (\\Serve						
nt (\\Server						
n scratch (\\Server						
Netværk v						
Filna	vn:				~ AIS te	emplate (*.PDF)
	(r.					Åbn Annuller

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.

						5.	Perfor
		Danphone A/S n	eport 1252			5.1	Freque
A	APPENDIX AUTO	MATIC IDENTIFICAT	ION SYSTEM (AIS) TEST I	REPOR	T		Fransr
			(, , , , , , , , , , , , , , , , , , ,		<u> </u>		Pollin
Nam	e of ship/call sign:	FUTRONIC / XP8863W					Read o
	SI number:	219557624					Send of
MM	SI number:					5.0	neck
Port	of registry:	Danphone				6.	'On a
NO	Number	987654321					Check
LMO	Number.						Confir
Gros	is tonnage:					6.3	Polling
Date	keel laid:					Electro	magn
Date	keel laid.						
1.	Installation details						
	Item			Status			
1.1	AIS transponder ty						
1.2	Type approval cert			_	•		
1.3		configuration report on board			•		
1.4	Drawings provided? (Antenna-, AIS-arrangement and block diagram) Main source of electrical power,				•		KS:
1.6		of electrical power,		-	•		
1.7		ified if the AIS is connected t	a a battage	-	•		
1.8		ots operating position?	o a oauery	-	•		
1.9			nd St. Lawrence requirement)			1	
2	410	- Static information			_	-	
2.1	MMSI number	- state intomation	219557624	127.44	*		_
2.2	IMO number		987654321		•		
2.3	Radio call sign		XP8863W				
2.4	Name of ship		FUTRONIC		•		
2.5	Type of ship		36 - Vessel Sailing		•		
2.6	Ship length and be	am	30m 8m	1	•		
2.7	Location of GPS a	ntenna	20m B: 10m C: 4m D: 4m	1		1	
3.	ATS programming	g - Dynamic information	9d41.0185 N 57d12.3647 N I	ow > 10	m		
3.1		h accuracy and integrity statu		Yes	-1		
3.2	Time in UTC (Sou		06:51:52 30-8-2021	Yes	•		
3.3		d (COG) (will fluctuate at do	ckside) (Source GNSS) 335.6	Yes			
3.4		(SOG) (zero at dockside) (S					
3.5	Heading (Source:	Gyro)		NA			
3.6	Navigational statu		8 - Under way sailing		•		
3.7	Rate of turn, where		NA	NA	-		S has
3.8	Angle of heel, pitc	h and roll, where available			-	1	
	AIS programming	g – voyage related informatio	n			Name	fRa
4.		e		Yes			
4. 4.1	Ships draught						
1.1 1.2	Type of cargo		NA	NA	-1		
1.1	Type of cargo	TA (at masters discretion)			•		

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.

Get list Futronic MKII no.: 01029	Calibrate due: 23-03-2025
MMSI Time and Date	
3195576240 08:56:14 / 30:05:2023 2195576240 13:50:39 / 25:05:2023 3086432140 11:03:18 / 15:05:2023 3086432140 11:03:18 / 15:05:2023 3086432140 11:03:18 / 15:05:2023 3086432140 11:03:18 / 15:05:2023 3086432140 11:03:18 / 15:05:2023 3086432140 11:03:18 / 14:03:2023 31116610030 12:38:14 / 13:03:2023 30999999990 11:15:41 / 13:03:2023 30999999990 11:15:41 / 02:03:2023 3195576240 08:19:54 / 02:03:2023 3195576240 08:19:54 / 02:03:2023 3195576240 08:19:54 / 02:03:2023 3195576240 08:20:6 / 17:02:2023 3740188770 06:30:32 / 21:02:2023 3025799990 11:00:52 / 03:02:2023 3025799990 11:00:52 / 03:02:2023 3025799990 11:00:52 / 02:022 3011110 09:49:01 / 15:12:2022 301111110 09:49:01 / 15:12:2022 3011111110 09:49:01 / 15:12:2022 3011111110 09:49:01 / 15:12:2022 3011111110 09:49:01 / 15:12:2022 </td <td>EPIRB-AIS #1 MMSI: 974016877 Date/Time: 30-05-2023 08:58:37 EPIRB 406 MHz #1 Date/Time: 30-05-2023 08:58:39 AIS #1 MMSI: 21957624 Date/Time: 30-05-2023 09:14:17 EPIRB-AIS #2 MMSI: 974016877 Date/Time: 30-05-2023 09:56:58 EPIRB 406 MHz #2 Date/Time: 30-05-2023 09:57:00</td>	EPIRB-AIS #1 MMSI: 974016877 Date/Time: 30-05-2023 08:58:37 EPIRB 406 MHz #1 Date/Time: 30-05-2023 08:58:39 AIS #1 MMSI: 21957624 Date/Time: 30-05-2023 09:14:17 EPIRB-AIS #2 MMSI: 974016877 Date/Time: 30-05-2023 09:56:58 EPIRB 406 MHz #2 Date/Time: 30-05-2023 09:57:00

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

Futronic PC report		<u>. 1</u>	×
About Check for updates Get list Futronic MKII no.: 01029 MMSI Time and Date 2195576240 0350:39 / 250-5023 3085432140 08:27:54 / 22:05-0223 3085432140 08:27:54 / 22:05-0223 3095142140 08:32 / 14:03-023 31915176240 13:36 / 31:03-2023 319111190 12:33 / 13:03-2023 31915176240 11:31:44 / 13:03-2023 39999999991 11:35:47 / 12:03-2023 3195576240 11:31:44 / 13:03-2023 3995576240 11:31:44 / 12:03-2023 3915576240 11:31:44 / 12:03-2023 395576240 11:31:44 / 12:03-2023 3945576240 11:31:44 / 12:03-2023 3945576240 11:03:12 / 2:02-2023 3945576240 11:03:12 / 2:02-2023 3945576240 10:11:22 / 16:02-2023 3995999990 11:11:12:02:02 2195576240 11:11:22 / 12:022 3995999900 11:11:12:02:02 3995999900 11:11:22 / 12:022 39999999900 11:11:22 / 2:02 39999999900	Calibrate due: 23-03-2025 EPIRB-AIS #1 MMSI: 974016877 Date/Time: 30-05-2023 08:58:37 AIS #1 MMSI: 215957624 Date/Time: 30-05-2023 09:14:17 EPIRB-AIS #1 MMSI: 215957624 Date/Time: 30-05-2023 09:16:17 EPIRB-AIS #2 MMSI: 974016877 Date/Time: 30-05-2023 09:56:58 EPIRB 406 MHz #2 Date/Time: 30-05-2023 09:57:00	Ship MMSI: 319557624 EPIRB-AIS beacon Unit # 2 Date/Time: 30-05-2023 09:56:59 Beacon MMSI: 974016877 Beacon position: NA Accuracy: 0 Cource over ground (COG): NA Speed over ground (SOG): NA Rate of turn (ROT): NA Time stamp: Positionin system is inoperative AIS Message: EPIRB TEST / T1864079420FFBFF RF AIS 1: 161.979,1 MHz RF AIS 1: 162.035,0 MHz AIS message received: 2 packages. EPIRB 406 - Frequency: 406,030.9 MHz Level: 230 Courty code: 215 Portocol: Standard Location Protocol Message: IDIG Gormat - Self-Test mode ECH code check OK. HEXID: 1864079420FFFFF HexMessage: FFFE000ED203C3CA107FDFFE384A7783E0F66C Latitude: default Longitude: default Decode: MMSI: 015513 Encoded position data source: Internal 121.5 MHz Homing: Yes	
	EPIRB report Shone EPIRB-AIS/2023.pd3 C:\Users \ft\Desktop\TestE	Template Destination Save result	

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

l	EPIRB-AIS Test Report	
Passan Data		
Beacon Data		
Beacon manufacturer:		
Beacon name:		
Beacon model:		
Beacon serial number:		
Beacon frequency:	406.031 MHz	
Bracket type:		
Bracket serial number:		
Hydrostatic release exp	piry:	
Battery expiry:		
Attached lanyard test Beacon Location		
Vessel name:		
Test Results		
Frequency measured:		
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:		
AIS User ID:	161.979,1 MHz 162.025,0 MHz	
	974016877	
Navigational status: Longitude: Latitude:	NA	
AIS Message:	NA NA	
AIS Message.	EPIRB TEST / T1B64079420FFBFF	
Date for next shore-ba	sed	
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:		