

AEROMARINE SRT Smart Radio Technologies

# GMDSS TESTERS

# for maritime radio surveys



### Product Catalogue

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Expiry Date Of Battery Expiry Date Of HRU

Professional solutions for GMDSS inspections

Smart Radio Tech Biv: Mihalia Pupina 115, 110 Tel: 45-40-45 Emai: #rfo@companyweb.io Web: www.gmdsatesters.com

SART TESTER Model: STU-1 Tester for 9GHz Radar SART

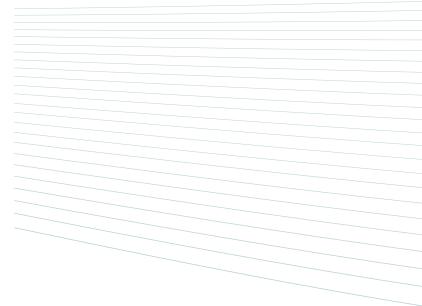
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### AUTO

MMSI number
MMSI number
Port of registry
IMO N
IMO Number
Gross tonnage
Date of keel
1. Installation details
Item
1.1 AIS I
1.1 AIS transponder type
1.2 Type approval certificate
1.3 Initial installation configuration rep
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Main source Antenna, All
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AIS programming - ex-
Als programming - Static information
MMSI number
IMO Number
Radio call sign
Variation Call sign
Name of ship
ype of ship

2.6 Ship length and beam 2.7 Location of GPS interest

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# **MRTS-7M GMDSS MULTI TESTER**

**ONE FOR ALL** Full-scale radio inspections with a single tool

MRTS-7M is a professional multifunctional tool for maritime radio surveyors. It provides operational testing of all types of GMDSS equipment, as well as AIS. Any manufacturer's equipment is supported.

The production of this Multi Tester is based on the company's 21-year experience in GMDSS testers development, and overall 23 years of engineering in search and rescue technologies.

To make MRTS-7M technologically advanced and user-friendly, we have applied modern solutions in this field. Its functionality is constantly being brought in line with modern changing international requirements. We make sure that the device allows conducting periodic inspections of GMDSS and AIS equipment, in accordance with the latest IMO standards and the requirements of classification societies.

### Features of MRTS-7M:

- wide range of tested equipment is supported;
- small size and light weight of the device;
- intuitive and user-friendly interface;
- LCD with backlight for comfortable operation under any light conditions;
- · 20-button keyboard for quick access to in-demand functions.



### Solution Contemporary Contempor

Besides, using special cutting-edge software, the surveyor can manage the test results on any PC with minimum effort, and then automatically generate test reports in IMO-compliant format - the paperwork is reduced to a minimum.

More details on pages 23-24

### All test procedures are carried out in accordance with international standards, such as:

- IMO A.948 (23) or A.997(25), A.1020(26) resolutions (for marine radio stations);
- The circular letter MSC.1 /Circ.1252 (for AIS stations);
- IMO Circulars MSC.1/Circ.1039/Rev.1. 1040/Rev.2 (for C/S beacons);
- IMO Resolution A.802(19), SOLAS-74/88 (for SARTs).



gmdsstesters.com/gmdss-tester-mrts-7m.htm



### The most compact GMDSS multi tester with extensive functionality

Main unit dimensions Main unit weight

100 x 200 x 45 mm 0.44 kg

Total dimensions with case: Total weight with case:

385 x 290 x 160 mm 3.7 kg

# **MRTS-7M GMDSS MULTI TESTER**

Get on board with a lightweight case bulky testers are in the past!





UHF RF cables set

Power supply unit





NMEA In / Out cable (DB9 fem - Pilot Plug)

USB A - USB B cable

### Telescopic antenna

### **Complete Set:**

- GMDSS Tester MRTS-7M main unit
- VHF Power Sensor & VSWR Meter, PS-1 (60W)
- Telescopic antenna
- UHF RF cables set
- NMEA In / Out cable (DB9 fem Pilot Plug)
- USB A USB B cable
- Power supply unit
- Crushproof & watertight case

### **Options:**

- SART testing unit STU-1
- MF/HF Power Sensor & VSWR Meter, PS-2 (500W)





CE & Calibration Certificates

Technical description and user manual (English) Software





Extended set with SART testing unit STU-1 in the crushproof & watertight case



VHF Power Sensor & VSWR Meter, PS-1



### MRTS-7M

# GMDSS MULTITESTER

ONE FOR ALL Full-scale radio inspections with a single tool

# GMDSS TESTER

	MAIN	ME	INU	-
TEST	VHF	na	adic	
TEST	MF /	HF	nac	ic
TEST	AIS			
TEST	EPI	RB		
TEST	NAU	TEX	6	
TEST				
+				

Charge ON Est. Pow. ON

# MARINE RADIO TEST SET

	2	3	4	
5	6	7	8	
9	0	F1	F2	
-	X	X	+	
Esc	$\mathbf{?}$	$\diamond$	Enter	

# MRTS-7M enables testing of the following types of equipment:

#### - VHF receiver-transmitters:

- operation tests on any simplex channel including 6, 9, 13 and 16 channels;
- measurement of frequency and frequency deviation;
- measurement of antenna feeder VSWR and reflected power.

### - VHF receiver-transmitters with DSC (DSC Controllers, Watch Receivers):

- test of correct transmission/reception of DSC messages by means of transmission/reception of selective Test call to particular MMSI number and Distress (to all ships) messages;
- check the MMSI code programmed in equipment without any broadcast emission;
- measurement of frequency and frequency deviation;
- measurement of output and reflected power.

### - VHF equipment of duplex radiotelephony (portable):

- operation tests on channels 6, 9, 13, 16 (at least);
- measurement of output power, carrier frequency and frequency deviation.

### VHF radiotelephone stations operating in range (300 - 337) MHz (intended for river-sea vessels):

- measurement of output power;
- · measurement of carrier frequency;
- measurement of frequency deviation.

### — AIS class A, AIS class B, AtoN, AIS Base stations:

- measure AIS frequencies (on channels 1, 2);
- measure or estimate the AIS transmitted power (on channels 1, 2);
- receive and decode the AIS messages;
- send the data to AIS stations;
- pass the DSC polling information (channel 70);
- check AIS answer to so called "virtual vessel";
- simulate NMEA data transmissions;
- simulate AIS data transmissions, such as ship's name, position, length, course, speed, power and beam;
- transmit and receive the DSC messages of different types for VHF stations;
- receive the data from pilot plug or external sensors.

### - AIS-SARTs:

- measure AIS-SART frequencies;
- $\boldsymbol{\cdot}$  measure or estimate the AIS-SART transmitted power;
- receive and decode the AIS-SART message;

**MRTS-7M TESTING SCOPE** 

**EPIRB / EPIRB AIS** 

9 GHz SART \*

NAVTEX

PLB

AIS

MF/HF Radio

**VHF** Radio

**AIS-SART** 

**NBDP** (Telex)

**MOB** device

### - MF/HF radiotelephone equipment:

- measurement of frequency in range 1600 30000 kHz;
- operation tests in frequency range 1600 30000 kHz;
- measurement of output power up to 500 W;
- measurement of antenna feeder VSWR and reflected power (when tested using optional power sensor PS-2).

### - MF/HF DSC Controllers:

- check the MMSI code programmed in equipment;
- check receipt of DISTRESS signal by MF/HF equipment with DSC by means of transmit of selective DISTRESS message.

### - MF/HF radiotelephone equipment with DSC:

• test of correct transmission/reception of DSC messages by means of transmission/reception of selective Test call to particular MMSI number and Distress (to all ships) messages on any of 6 distress channels.

### - NAVTEX equipment:

 operation tests by means of sending one of two available test messages on any of three frequencies: 490 kHz, 518 kHz or 4209.5 kHz.

### - All COSPAS-SARSAT radio beacons:

- reception, demodulation and decoding of the emergency information transmitted on channel 406MHz;
- frequency measurement of 406MHz and 121.5MHz signals;
- audio-control of the sweep 121.5MHz signal presence;
- power level measurement on 406MHz, 121.5MHz channels;
- measurement of total transmission time of 406MHz signal;
- measurement of unmodulated carrier duration of 406MHz signal;
- estimation of the equivalent radiated power of 406MHz signal through broadcast;
- measurement of power on AIS homing channel;
- measurement of frequency on AIS homing channel;
- demodulation of AIS messages.

#### - 9GHz Radar SART (extended set option):

- fast check to make sure 9GHz Radar SART will operate in emergency To in 50  $\div$ 150  $\mu s$  range;
- fast passed/not passed test;
- audio-control of the sweep signal presence;
- signal level measurement;
- measurement of the signal in frequency range of 9140...9560 MHz;
- number of sweeps in view of graph;
- respond signal duration.





# STU-1 **SART Tester**

Handy solution for Radar SARTs reliable check

SART Tester STU-1 is designed for accurate and comprehensive verification of any 9GHz SART operation.

The tester provides a much more effective and reliable assessment than the primitive self-test function offered by any SART.

STU-1 checks the 9GHz radar for compliance with the performance standards set out in IMO resolution A.802(19), as well as SOLAS-74/88 regulations.

### The STU-1 features:

- · Any manufacturer's 9GHz SART can be tested;
- Signal reception in the frequency range 9140...9560 MHz;
- Convenient audio control of the sweep signal presence;
- Easy connection to a desktop or laptop to run the tests and process measured data;
- Automatic generation of test reports using GMDSS Multi Software.

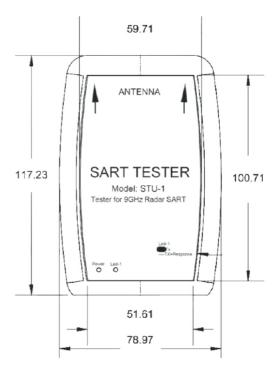
Main unit dimensions	117 x 79 x 25 mm
Main unit weight	105 g
Total dimensions with box	200 x 120 x 50 mm
Total weight with box	250 g

### **During testing, the following SART** parameters are automatically checked:

- measurement of the response signal duration within the range of 50...150 us;
- $\boldsymbol{\cdot}$  measurement of the response signal power level within the range of Pr = 300...950mW;
- counting the number of sweeps and calculation

of the distance from SART across a radial line on the radar screen:

• verifying the signal is in the frequency range of 9140...9560 MHZ.



gmdsstesters.com/9ghz-sart-tester.htm



# SART Tester

Handy solution for Radar SARTs reliable check



# After all, the tester is small, portable and easy to use.

### **Complete Set:**

- SART Tester STU-1 Main unit
- PC cable (USB-A micro USB-B)
- Device packing

The SART Tester can be ordered as a separate device or it can be added into the kit of GMDSS Multi Tester MRTS-7M as a part of the extended set.

The STU-1 fits compactly in a watertight & crushproof MRTS-7M case.

For more details, please contact our sales department.



Extended set of MRTS-7M with SART testing unit STU-1 in the crushproof & watertight case







CE & Calibration Certificates

Technical description and user manual (English) Software

### **GMDSS Multi Software compatible**

Measurements of the SART's parameters are made through the broadcast.

All you need to perform the test is to connect the STU-1 to a laptop or desktop and run the software.

The test procedure is managed in the software, the results are instantly displayed on the screen.

After testing, all results can be saved or immediately converted to automatic test reports in IMO-compliant format.

### More details on pages 23-24



SART testing results



# M1 AIS Tester

Survey easy. Test automatically

AIS Tester is a professional equipment for providing mandatory annual testing of the Class A and Class B AIS mobile stations and AIS-SARTs. The unit also enables functional checking of AIS base stations and Aids to Navigation (AtoNs).

All measurements are carried out in accordance with the relevant provisions of IMO and SOLAS, and meet the requirements of the IMO circular letter "Guidelines on annual testing of the AIS unit MSC.1/Circ.1252".

### AIS Tester M1 permits to:

- Measure AIS frequencies (on channels 1, 2);
- Measure or estimate the AIS transmitted power (on channels 1, 2);
- Receive and decode the AIS messages;
- Send the data to AIS stations;
- Pass the DSC polling information (channel 70);
- · Check AIS response to so called "virtual vessel";
- Transmit and receive the DSC messages of different types for VHF stations;
- · Simulate NMEA data transmissions;
- Receive the data from pilot plug or external sensors;
- Store up to 10 measurement results in a nonvolatile memory.

### ALL THE IMO REQUIRED MEASUREMENTS are performed with AUTO TEST FUNCTION

One measurement cycle time requires not more than 15 min.

With AIS Tester M1, the work of a surveyor turns into a pleasure. Just connect the M1 to an AIS and enter the Automatic test mode – the device will carry out all the necessary measurements.

### Section 2014 Software compatible

High convenience of managing test results and simple generation of test reports.

### More details on pages 23-24

### AIS Tester M1 test scope:

- Any AIS Class A and Class B stations
- VHF Radios with DSC channels
- AIS Base Stations
- AIS-SARTs
- Aids to Navigation devices (AtoN)

### **Technical parameters:**

- AIS operational frequencies: 161.975 MHz (channel 1),162.025 MHz (channel 2);
- DSC operational frequency: 156.525 MHz (channel 70);
- Output frequency setting accuracy ±1ppm;
- Setting accuracy of output frequency ±1ppm;
- Output power of AIS channel 1 and 2 and channel 70 DSC not less than (-7) dBm (without ext. attenuator), or -53dBm (with ext. attenuator);
- AIS modulation FM-GMSK;
- AIS channel band rate 9600 Baud;
- DSC channel band rate 1200 Baud.

gmdsstesters.com/ais-tester.html



# M1 AIS Tester

Survey easy. Test automatically

Antenna to make measurements through broadcast



Attenuator

### **Complete Set:**

- AIS Tester Main Unit
- Attenuator
- RF Cables: TNC TNC, BNC BNC
- RF Adapter BNC UHF
- USB Computer cable (USB A USB A) 1.5 m
- NMEA Cable (DB9 NMEA open wires)
- Antenna to make measurements through broadcast
- 4 power supply batteries AA type
- Crushproof & watertight case (option)

 $\bigtriangledown$ 



CE & Calibration Certificates

Technical description and user manual (English)

m

Total dimensions with box

Total weight with box

280 x 250 x 110 mm

**1.5** kg



RF Adapter BNC - UHF, RF Cables: TNC - TNC, BNC - BNC



USB Computer cable (USB A - USB A) 1.5 m



NMEA Cable (DB9 - NMEA open wires)





Crushproof & watertight case



# 406 02 **BEACON** Tester

Reliable and easy to operate Just test EPIRB and print the report

BEACON Tester 406 02 enables professional checking of marine emergency radio beacons that operate on frequencies 406MHz and 121.5MHz.

Using this tester surveyor is able to provide mandatory annual testing and shore-based maintenance of EPIRBs in accordance with IMO Circulars MSC.1/Circ.1039.1040.

Device has a simple, user-friendly interface enabling user to provide precise measurements of all beacon's parameters and make complete decoding of any C/S message.

All measurements on 406 MHz and 121.5 MHz channels can be done with tester's antenna (included in standard set) or through optional attenuator (requested separately).

Test results are shown on the display and saved in nonvolatile memory of the instrument.

### **Complete Set:**

- BEACON Tester 406 02 Main unit
- Antenna
- 4 power supply batteries AA type
- USB computer cable (USB A USB A) 1.5 m
- Attenuator with RF cables and connectors (option)
- Crushproof & watertight case (option)





CE & Calibration Certificates

Technical description and user manual (English) Software



### Solution Content in the second second

After the survey, use the software to store test results on a computer and generate test report automatically. There are 3 types of test reports available: general report, annual testing or shore-based maintenance; all three are IMO-compliant. Just insert the vessel's details and print the document.

More details on pages 23-24

### **Test scope:**

- EPIRBs
- PLBs
- S-VDR capsules
- SSAS (Ship Security Alert Systems)
- MoB devices

Main unit dimensions Main unit weight

195 x 101 x 43 mm 0.55 kg

Total dimensions with box Total weight with box

280 x 250 x 110 mm 1.5 kg







# **406 MINI BEACON Tester**

Ensures safety Being small and intuitive

It is the most small and lightweight Beacon Tester. And with that this tool enables professional checking of all beacons operating on 406MHz and 121MHz frequencies.

The measurements are provided from any mobile device connected to the Tester via Wi-Fi link. Measure frequency and power level on channels 406 MHz and 121.5 MHz. Complete decoding of Cospas-Sarsat message and 15-digits HEX code.

All test procedures comply with circular letters IMO Circ.1040 and MSC.1/Circ.1039. Generated test reports are IMO-compliant.

### Test scope:

- EPIRBs
- PLBs
- S-VDR capsules
- SSAS (Ship Security Alert Systems)
- MoB devices

### **Software**

BEACON Tester 406 Mini doesn't require any installations or additional settings to provide testing. Software is preinstalled on the device. No Internet connection is required! No need to download software. The tester has an internal server and creates its own Wi-Fi link for connection to mobile device. After connecting by Wi-Fi, the app will be opened in a standard browser and you can start testing.



All measurements are managed from your mobile device. All platforms are supported: Android, IOs, Windows, macOS, Linux, etc. Intuitive interface of the software enables even a beginner surveyor to provide professional testing. Make sure a beacon is reliable and ready for emergency.

Test report will be generated automatically, just click for a needed one:



Test reports available to generate automatically



gmdsstesters.com/beacon-tester-mini-wi-fi.htm

# 406 MINI BEACON Tester

Ensures safety Being small and intuitive



Main unit dimensions Main unit weight 83 x 55 x 20 mm 120 g

Total dimensions with box Total weight with box 200 x 120 x 50 mm 250 g

### Complete Set:

- Beacon Tester 406 Mini Main unit
- 406 / 121 MHz Antenna
- Wi-Fi Antenna
- Power cable 1.5 m (USB A micro-USB)
- USB Power Adapter
- Attenuator with RF cables and connectors (option)
- Crushproof & watertight case (option)



CE & Calibration Certificates



Technical description and user manual (English)

# **GMDSS Multi Software**

GMDSS testers advantages are expanded with special Multi Software that enables control, downloading and processing of the test results.



### The program is compatible with the most of our Testers:

- GMDSS Tester MRTS-7M
- SART Tester STU-1
- AIS Tester M1
- Beacon Tester 406 02

The testers are connected via USB and the test results can be downloaded and processed.

Processing of the test results is now easier than ever. Software allows to verify all measured data, decode digital message contents received during measurements and automatically generate IMO-compliant test reports.

The software data is automatically uploaded in the cloud for backup purposes and to sync between different workplaces.

	AEROMARINE SRT Smart Radio Technologies		Test Equ Narine Radios,	ipment EPIRBs, SARTs and AIS			Jan	nes Adams (1) Eng •
•	GMDSS Tester	Test	Results					
Ê	TEST RESULTS	1.000000		ed measurements durin	g radio surveys	Q Search		_
÷	VESSELS		PID*	Survey Date	Equipment	Channels	MMSI Code	
4	DOWNLOAD DATA		0	Mar 10, 2022	SART	9GHz	272129000	details >>
			51	Sep 03, 2020	VHF Radio	DSC	972009999	details >>
	TESTERS		50	Sep 02, 2020	VHF Radio	DSC	972339999	details >>
¢	PROFILE		49	Sep 02, 2020	AIS Class A	DSC, A, B	201232405	details >>
62	REMOTE CONTROL		48	Sep 02, 2020	AIS Class A	DSC, A, B	201232405	details >>
62	UPDATES		47	Sep 02, 2020	AIS Class A	A, B	272129000	details >>
	all a p		46	Sep 02, 2020	AIS Class A	DSC, A, B	201232405	details >>

The software interface

#### Remote control

Here you can manage the testers' operation via PC.



The Remote Control menu provides access to SART Tester and DSC Composer

Software allows to save surveying company information and contacts, upload its logo. So when generating a test report you can use your company header selected within several templates available.

So your company logo and contacts will be automatically placed on reports.

All test results are grouped by vessels or MMSI codes - an easy way to see surveys' history and compare test results in time. A number of convenient filters are available, like equipment type or date, to make it easy to find previous surveys and process results.

Additional features allow creation of custom DSC messages for special DSC tests.

### **Features:**

- one convenient surveys database
- test results grouped by vessel, history analysis
- IMO-compliant automatic reports
- company profile, reports with company contacts and logo
- custom DSC composer
- one for all GMDSS testers
- compatible with MAC OS X, Windows OS
- available in 6 languages
- cloud uploading for backup and workplaces sync

	DSC C	omposer of	MRTS-7M		
rea	tion of custom D	SC messages tester.	and uploading t	hem to the	

- Software allows to check tester's calibration status and add this information automatically to reports as required by authorities.
- A greater convenience is provided by several languages of operation available.

is hereby certified that representative of the company: Smi asting of EPIRB and defined the following:	art Radio Tech, John , Radioengineer, performed
Parameters	Condition
EPIRB model, manufacturer name	
Specific Beacon No	30
Protocol type	Standard Location - PLB (Senal)
Country code	United States of America (366)
Beacon 15 Hex ID (survey contents from 26 to 85 bits)	2DCE6437CEFFBFF
Survey contents from 1 to 112 bits	FFFED096E7321BE77FDFFE5E89F7
Availability of 406 MHz carrier	406036874 Hz, 26, 12 W
Availability of 121.5 MHz carrier	121511304 Hz, 251,77 mW
Strobe light condition	14
Availability and expiry date of automatic release mechanism	
Availability and quality of markings	-
Battery replacement date	
Date of next testing	
is hereby certified that all mechanical, dectrical and inform 66 MH2 EPIRE comply with specification and the requireming gaster of Shepring. he identification number of the tested BEACON complies w lenter (MCC).	ents of the Maritime Administration and Maritime
John , Smart Hadio Tech	Aug 18, 2022
The equipment has been tested according to RMO D https://grud.sea	

A ready test report example

gmdsstesters.com/downloads.htm



# HOW WE CARE ABOUT TESTERS AFTER SALES

After purchasing a tester you won't be left alone!

1-

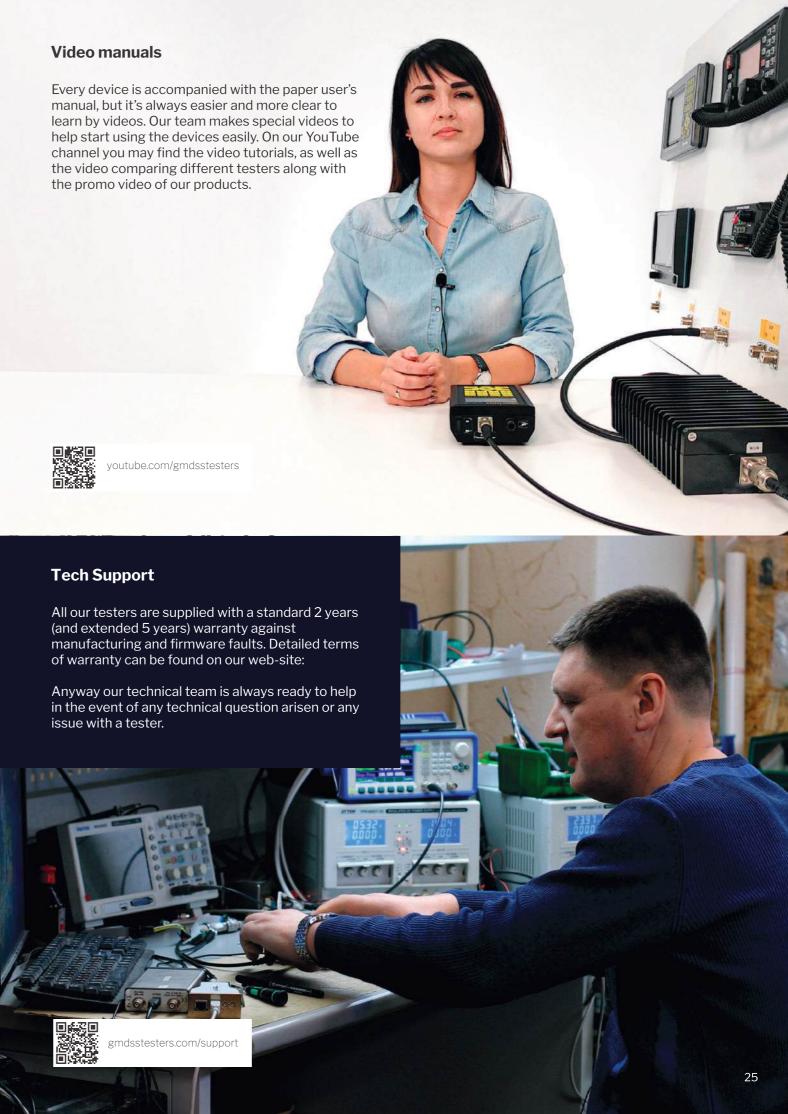
GMDSS TESTER

MARINE RADIO TEST SET



### Calibration

All testers are supplied with the calibration certificate valid for 2 years. And the calibration is required every 2 years throughout the life-cycle of each tester. The calibration due time is always easy to check up. It is shown on the Tester's screen and on our web-site you will find the Tester Calibration Check resource; by entering the serial number you will see when it's time to contact us for recalibration.







#### 2022

• Aeromarine SRT opened a subsidiary company in Serbia – Smart Radio Tech

### 2018

 AIS Tester M1 (next generation) GMDSS Multi Tester MRTS-7M entered the market

### 2015

• Aeromarine SRT foundation. Musson Marine acquired by Aeromarine SRT

### 2011

• 406 MHz Beacon Monitor

#### 2009

Release of AIS Tester M1 and AIS-SART

#### 2004-2006

• Development of ELT S and ELT AF C/S certification of ELT S

### 2004

• EPIRB MP-406 - 2nd generation (C/S type approval, wheel-mark)

### 2001

• EPIRB M-406

### 2023

• Smart Radio Tech Srl, Romania

### 2019

• SART Tester STU-1 (2nd generation) released

#### 2016

Release of EPIRB Tester Mini WiFi

### 2012-2013

C/S Beacon Simulator BG-105

### 2010

• Beacon Tester 406 02 (next generation) released HRU G5 developed

### 2007

 Development of MRTS-7 (MF/HF/VHF DSC Marine Radio Test System)

### 2005

Beacon Tester 406 02 released

### 2002

• SART Tester (device for SART diagnostics and monitoring)

### 2000

- Musson Marine company was founded
- Release of Device for EPIRB diagnostics and control (406 MHz beacon tester)

# About us

**SRT Group** includes three companies united by the common purpose - to supply the best testing solutions on the global market:

Aeromarine SRT Ltd (Ukraine) is the manufacturing company which produces and technically supports all the supplied testers. Expert in Cospas-Sarsat solutions with 20+ years of specialization in this field, the company combines the time-tested solutions with modern innovations in its products.

**Smart Radio Tech d.o.o. (Serbia)** is an exclusive global supplier of Aeromarine SRT products. It runs all sales, marketing and shipment operations.

**Smart Radio Tech Srl (Romania)** is a branch supplying Aeromarine SRT products within the European Union only.

Today, SRT Group is the only one on the global market whose main specification is developing, producing, supplying and supporting the GMDSS and AIS testers.

#### **Our Mission**

We strive to contribute to maritime safety by developing reliable test equipment for marine radio surveys, which embodies the principle of 3 "easy":

- ✓ easy to carry
- $\checkmark$  easy to use
- ✓ easy to process

The reliability of our equipment is confirmed by the users. The periodical user surveys show that our customers are satisfied with the Aeromarine SRT testers and highly appreciate their functionality. Nevertheless, our specialists keep on developing new features.

#### **Our History**

Our company's history starts in 2000 when three radio engineers experienced in the field of Cospas-Sarsat safety solutions founded a research & production company Musson Marine Ltd Ukraine. The main business direction is chosen for the development and production of GMDSS test equipment.

In 2002, Musson Marine Ltd starts presenting its products on the international market.

Over the following years, the range of the products and services expands rapidly, and considerable experience accumulates in PCB engineering, RF design and OEM production.

In 2015, after restructuring, Musson Marine Ltd is rebranded with the name Aeromarine SRT Ltd. Thus, the company moved to the next stage of its development.

One of the company's most important milestones is the developing and launching into production the unique hand-held GMDSS Multi Tester.

In May, 2022, Smart Radio Tech d.o.o. Serbia is registered. Since then, it has become the only supplier of all Aeromarine SRT production globally.

In 2023, we took the next step - opening of a new branch Smart Radio Tech Srl Romania to simplify the process of purchasing GMDSS testers in the EU.

To be continued...

# Some of the industry leading companies that use our equipment in their work



### **GMDSS Testers**

Professional solutions for GMDSS radio survey



We are proud to offer GMDSS Testers, high quality test instruments for conducting mandatory periodical surveys. Designed and manufactured for professional checking and ease of use, the testers are highly appreciated by radio surveyors all over the world.

### ப

### Simply Use It

We supply the testers with very friendly software.

# **\$**

### Make The Best Benefits

We provide a well-balanced pricing policy and support for all our testers, so you can get the best ROI for equipment of this type.

### **=**

### **Get It Delivered**

The test instruments are shipped for free of charge to any location globally.



### **Minimize Your Risks**

We provide global two years warranty against manufacture and firmware faults.

Being GMDSS radio surveyor is a responsible duty

We apply our

## **24-YEARS EXPERIENCE**

in developing of testers to provide you with a reliable tool for your work



to



Over the past year

### **14 200 SHIPS WORLDWIDE**

have been surveyed using AEROMARINE SRT GMDSS Testers



smartradio.tech



gmdsstesters.com



aeromarinesrt.com