SART Tester STU-1

FAST CHECK TO ENSURE
9GHZ RADAR-SART WILL OPERATE
IN EMERGENCY

- ✓ FAST PASSED/NOT PASSED TEST
- ✓ AUDIO-CONTROL OF THE SWEEP SIGNAL PRESENCE
- ✓ SIGNAL LEVEL MEASUREMENT
- ✓ VERIFY THE SIGNAL IN FREQUENCY RANGE OF 9140...9560 MHZ
- ✓ NUMBER OF SWEEPS IN VIEW OF GRAPH
- ✓ RESPOND SINGAL DURATION
- ✓ DISTANCE FROM SART ACROSS
- ✓ RADIAL LINE ON THE RADAR SCREEN
- ✓ WINDOWS/MAC OS SUPPORTED. AUTOMATIC TEST REPORT CREATION

The SART Tester is designed to provide accurate, independent validation of the operation of any Radar-SART in accordance with the requirements of SOLAS - 74/88 and other local classification authorities.

The SART Tester allows ensuring the SART meets the appropriate performance requirements. The SART Tester is portable and easy in use. It is far more effective and reliable than the primitive self-test function offered by any SART.

It allows to measure signal level and duration, count the number of sweeps and calculate the Distance from SART across radial line on the radar screen and verifies the signal is in frequency range of **9140...9560 MHZ.**

Measurements of SART parameters are made through the broadcast.

Features:

• All manufacturers RADAR-SART can be tested;

• Reception the signal within the range of 9140...9560 Mhz frequencies;

• Easy and quick audio-control of the sweep signal presence;

• Easy connection to PC, laptop, notebook to operate the tests

  and process measured data;

• Windows/Mac OS user friendly desktop software;

• Automatic test report creation;

• 2 year extended warranty.

COMPLETE SET:

• **RADAR-SART Tester**

• **PC Cable (USB – USB)**

• **Technical description
   and operation manual (English)**

• **Device packing**

The tester allows to perform:

• automatic measurement of SART parameters

• measurement of response signal duration within the range of 50...150 us

• measurement of response signal power level within the range of Pr = 300...950mW

• signal reception on frequency range of 9140...9560 MHZ

Specifications:

Dimensions: 117 mm x 76 mm x 23 mm

Weight: 105g

The current consumption of the device in measurement mode is < 350 mA.
Measurement of SART parameters is made through the broadcast by means of antenna.
According to service conditions the device is designed for operation in the internal shielded ship
rooms at the temperature +5°C +55°C, and relative air humidity of 95%.