

SAILOR® 5051 AIS-SART

AIS Search And Rescue Transponder

2013 Product Sheet

COBHAM

The most important thing we build is trust

The SAILOR 5051 AIS-SART is a manual deployment survivor location device intended for use on life-rafts or survival crafts. It meets IMO SOLAS requirements and is an alternative to the well known SAILOR SART II radar SART.

The SAILOR 5051 AIS-SART is compact and easy to operate and deploy. It is a portable device packed inside a quick release carry bag for fast evacuation.

The SAILOR 5051 AIS-SART transmits target survivor information including structured alert messages, GPS position information and a unique serial identity number. Once activated, the SAILOR 5051 AIS-SART transmits continually for minimum 96 hours. An in built GPS provides accurate position information to assist a quick recovery of survivors.

The SAILOR 5051 AIS-SART is packed in a highly visible carry case which can be wall mounted on board or stored inside a survival craft. This ensures the optimal availability in an emergency situation.

Features include:

- Ship or survival craft options
- Internationally approved
- Waterproof to 10 meters
- Floats
- Compact and lightweight
- Non-hazardous battery for safe transportation
- Min. 96 hour operational battery life
- 6 year battery life
- LED visual indication of operation
- Built-in test facility
- Mounting options
- High visibility yellow carry case
- Integral multi-channel GPS

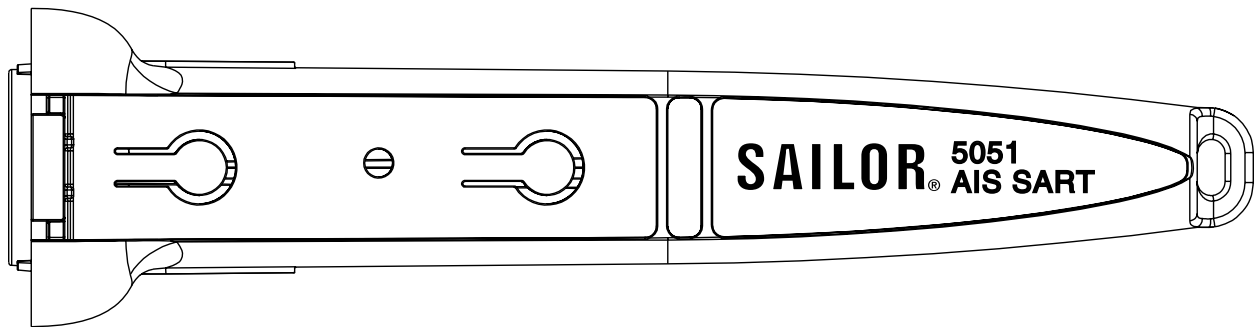
The SAILOR 5051 AIS-SART can under most flags be exchange with the SAILOR SART II as the mandatory SOLAS carriage product. For detailed information, see the dedicated Product Sheet for SAILOR SART II.



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GENERAL SPECIFICATIONS

AIS SART	IEC 61097-14; IEC 60945
Radio	ITU-R1 M.1371
GNSS / GPS	IEC 61108-1
IMO	MSC.246(83)
Type	IMO AIS SART
Operation	Manual activation, switch protected by anti-tamper cover. Self test checks transmitter Battery, GPS and indicators

AIS TRANSMITTER

Operating frequency	AIS1: 161.975 MHz AIS2: 162.025 MHz
Power output	1 W
AIS Message type	1,14
Modulation	GMSK
Antenna	Integrated vertical

BATTERY

Type	Lithium metal
Operating life	96 hours minimum
Storage	6 years'
Service	Replaceable

GNSS

GNSS	GPS 20 channel
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ENVIRONMENT

Operating temperature	-20° C to +55° C
Storage temperature	-30° C to +70° C
Waterproof immersion	up to 10 m
Buoyancy	Bouyant/float
Compass safe distance	0,2 m

DIMENSIONS AND WEIGHT

Weight	160 g (main unit) 450 g (including pole)
Length	155 cm (including extended pole)
Lanyard	10 m, 50 Kg breaking strain
Stowage case	940 g, H390 x D80 x W150 mm
Bulkhead bracket	230 g

For further information please contact:

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