

# SAILOR® 5052 AIS SART

**COBHAM**

AIS Search and Rescue Transponder (AIS SART)

Product Sheet

**The SAILOR 5052 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 the next generation and alternative to the well known SAILOR SART II radar SART.**

The SAILOR 5052 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 5052 AIS SART transmits target survivor information including structured alert messages, GPS position information and a unique serial identity number. Once activated, the SAILOR 5052 AIS SART transmits continually for a minimum of 96 hours. An in built GPS provides accurate position information to ensure the quick recovery of survivors.

The SAILOR 5052 AIS SART is packed in a highly visible yellow 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

\*Please note: The SAILOR 5052 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.

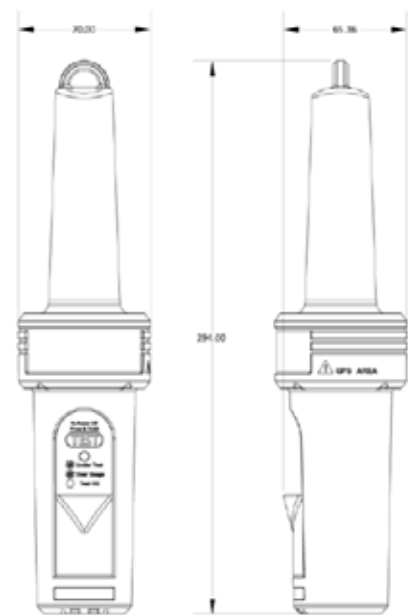


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Technical Specification		
<b>VHF Transmitter</b>	Operating Frequencies	AIS1, 161.975 MHz, AIS2, 162.025 MHz
	Data Rate	9,600 bps
	Bandwidth	25 kHz
	Power output	1 W EIRP
	AIS Message Type	Message 1, Message 14
	Modulation	GMSK
	Antenna	Integrated by PCB
<b>GPS Receiver</b>	Satellites Tracked	48 Channels
	Acquisition Sensitivity	-159 dBm
	Tracking Sensitivity	-159 dBm
	Position Accuracy	< 2.5 m Autonomous & SBAS
<b>Battery</b>	Type	Primary Lithium (non rechargeable)
	Operating Life	48 hours minimum
	Storage	6 years
	Service	Replacement by authorized agent
<b>Environment</b>	Operating temperature	-20°C to +55°C (-4°F to +131°F)
	Storage temperature	-30°C to +70°C (-22°F to +158°F)
	Waterproof	Immersion to 10 m
	Buoyancy	Floats
	Exterior Finish	Highly Visible Yellow
	Compass Safe Distance	Standard Magnetic - 0.60 m Steering Magnetic - 0.40 m
<b>Dimensions (AIS SART)</b>	Weight	283 g (Battery included)
	Max Diameter	70 mm
	Length	300 mm
<b>Dimensions (Pole)</b>	Weight	300 g
	Length	1050 mm extended
<b>Dimensions (Storage Package)</b>	Weight	1080 g
<b>Carry &amp; Mounting</b>	Means of carrying	Carry Bag
	Means of mounting	Wall Mount Bracket
<b>Standards</b>	International Standards	IEC 61097 -14 Ed.1 (2010) IEC 60945 Ed. 4 (2002) incl. Corrigendum 1 (2008)
	ITU regulations	ITU-R M.1371-5 (2014)
	IMO resolution	IMO Resolution MSC.246 (83)



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