

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.



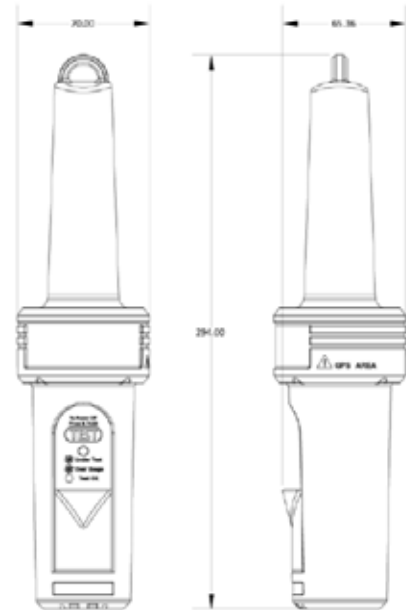
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Technical Specification

VHF Transmitter	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
GPS Receiver	Satellites Tracked	48 Channels
	Acquisition Sensitivity	-159 dBm
	Tracking Sensitivity	-159 dBm
Battery	Position Accuracy	< 2.5 m Autonomous & SBAS
	Type	Primary Lithium (non rechargeable)
	Operating Life	96 hours minimum
	Storage	6 years
Environment	Service	Replacement by authorized agent
	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
Dimensions (AIS SART)	Weight	283 g (Battery included)
	Max Diameter	70 mm
	Length	300 mm
Dimensions (Pole)	Weight	300 g
	Length	1050 mm extended
Dimensions (Storage Package)	Weight	1080 g
Carry & Mounting	Means of carrying	Carry Bag
	Means of mounting	Wall Mount Bracket
Standards	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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