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S100 SART

The SafeSea S100 Search and Rescue Transponder (SART) is a dedicated radar transponder which complies with IMO SOLAS regulations.

- Superior battery life – even at -20°C
- User replaceable battery
- Non Hazardous battery
- Five year replacement interval
- Compact size for easy liferaft packing
- Supplied complete with telescopic pole and storage bracket

Carriage requirements

- SARTs are required on all IMO SOLAS vessels on international voyages:-
 - One on 300-500GRT
 - Two if over 500GRT
 - One SART per every four liferafts on ro-ro passenger vessels
- Nationally mandated vessels, including fishing vessels, passenger craft, commercial workboats, etc
- Most Super and Mega yachts are required to carry a SART, especially if covered by the MCA code of practice, which is recognised by many countries.
- Voluntary fit vessels will also benefit by carrying a SART

The SeaSafe S100 SART is designed to assist in the rescue and recovery of liferafts and survival craft. When switched on, the SART remains in a standby mode until automatically activated by an X Band Radar sweep from any vessel in the vicinity. The SafeSea S100 transmits a series of pulses which are displayed on the ships Radar as a line of dots, providing a bearing to the survival craft.

The activation controls are identical to those on the SafeSea E100 EPIRB, making use by unskilled operators much easier

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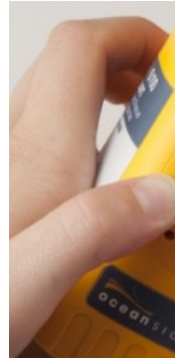
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FREQUENTLY ASKED QUESTIONS

Why should I carry a SART?

A SART is designed to aid the rescue authorities locate you in emergency. Although it is not a primary alerting device, like an EPIRB, it will guide the rescue craft to you by displaying a position and bearing line on the rescue craft's radar.

SPECIFICATIONS

General

Frequency range	9.2-9.5GHz
Radiated output power	>26dBm eirp

Environmental

Operating Temperature Range	-20°C to +55°C
Storage Temperature Range	-30°C to +70°C

Battery Type Lithium Primary

Chemistry	Lithium/Iron Disulfide (Li/FeS2)
Operational Life	>96hours standby plus >12hours operational
Battery Replacement Interval	5years

Dimensions

Height	227mm
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Waterproof

>10metres at +20°C

Body Diameter (max)

65mm (82mm)

Standards and Approvals

IMO regulations

A.694(17); MSC.247(83)

International Standards Radio

IEC61097-1

International Standards EMC

IEC60945


European approval

Marine Equipment Directive A.1/4.18



USA Standards

FCC CFR47 part 80.1101

MANUALS

 [S100 User Manual](#) [S100 User Manual - Spanish](#)

CERTIFICATES

 [S100 MED Declaration of Conformity](#) [MED module D Certificate](#) [S100 Chinese CCS type approval certificate](#) [S100 Canadian Type Approval Certificate](#) [S100 FCC Equipment Authorisation Grant](#) [S100 Wheelmark \(EU MED\) type approval certificate](#)[< E100/E100G \(http://oceansignal.com/products/e100e100g/\)](http://oceansignal.com/products/e100e100g/)[V100 VHF > \(http://oceansignal.com/products/v100-vhf/\)](http://oceansignal.com/products/v100-vhf/)[Privacy Policy \(http://oceansignal.com/privacy-policy/\)](http://oceansignal.com/privacy-policy/) [Sitemap \(http://oceansignal.com/sitemap/\)](http://oceansignal.com/sitemap/)