



PROFESSIONAL STANDARD RELIABILITY

Product Code: 409-0018

# SART

## AIS SART 100

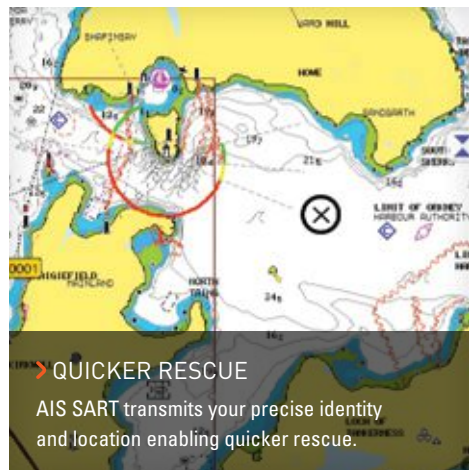




THE AIS SART 100 IS A GLOBALLY CERTIFIED AIS SEARCH & RESCUE TRANSPONDER AND AN ESSENTIAL PIECE OF SAFETY EQUIPMENT WHICH WILL AID YOUR RAPID LOCATION IN AN EMERGENCY.

EM-TRAK SART 100 PRODUCT OVERVIEW

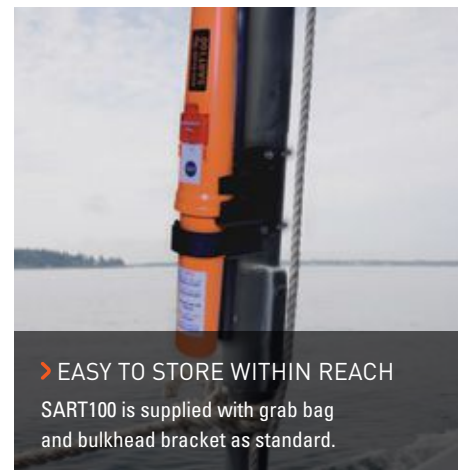
- > IMO/Wheel mark certified
- > Easy to use
- > Ruggedised
- > Robust performance



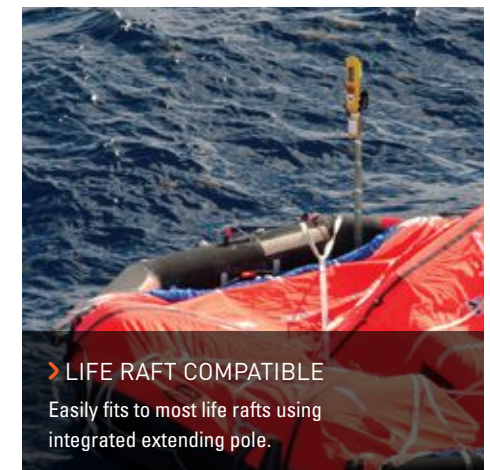
> QUICKER RESCUE  
AIS SART transmits your precise identity and location enabling quicker rescue.



> EASY TO USE  
Simple accident proof switch activates SART100 to summon rescue.



> EASY TO STORE WITHIN REACH  
SART100 is supplied with grab bag and bulkhead bracket as standard.



> LIFE RAFT COMPATIBLE  
Easily fits to most life rafts using integrated extending pole.

## > KEY FEATURES

The em-trak AIS SART100 is an essential item of safety equipment no vessel should be without. Fully certified and globally approved as an AIS SART, the SART100 complies with all SART regulations. Once activated the SART transmits a special message which is recognised by all AIS devices as an emergency message, pin pointing your identity and location.

After fifteen years of creating marine electronics products we understand the environment within which our products must operate. The SART100 is a ruggedised fully integrated safety device which is simple to install and use and has been specifically designed, engineered and manufactured for long term continuous use in even the most extreme marine environments. The SART100 deploys advanced technology and design to deliver reliable operation when you need it most.

- > Reliable, robust performance in all conditions
- > Easy to use in all conditions
- > Long life battery with guaranteed minimum 5 years life
- > Ideal form factor for easy operation in an emergency
- > Life raft compatible
- > Self test feature

## > OPTIONS

The SART100 complies with the full AIS SART specifications which do not permit any deviations from the published standard. Under our life time support programme em-trak offers a service and battery replacement service which is recommended every 5 years. Please contact us for details.

## > FEATURE HIGHLIGHTS

### HELP RESCUERS FIND YOU FAST



If you are in trouble the people in the best position to help are those nearest to you. The AIS SART100 will immediately alert all AIS equipped vessels and aircraft that are within range.

### ROBUST AND RELIABLE



The SART100 is designed to lie dormant for years but be ready for instant activation at all times. When you need help the em-trak SART100 will be there for you.

ALSO IN THE RANGE



AIS Class A



AIS Class B



AIS Antenna Splitter



AIS Receiver



AIS Identifier

WWW.EM-TRAK.COM



## EM-TRAK – COMMITTED TO VESSEL SAFETY & SECURITY

With over twenty five years of product design and engineering heritage our products offer the very best in quality engineering, reliability, usability and operational performance. To achieve this unique mixture of quality and performance we develop and deploy the most advanced core technologies coupled with proven professional standard product design.

### EM-TRAK WARRANTY & SUPPORT

Em-trak is committed to providing the highest level of customer service. Our comprehensive global warranty ensures that in the unlikely event of a problem it will be resolved to your full satisfaction in the shortest possible time.

Further information about our warranty programme and instant advice and support for all our products can be obtained from our web site [www.em-trak.com](http://www.em-trak.com) or your local authorised em-trak dealer.

The em-trak SART 100 is an aid to navigation and must not be relied upon to provide accurate navigation information. AIS is not a replacement for vigilant human lookouts and other navigation aids such as Radar. The performance of the SART 100 may be seriously impaired if not installed as instructed in the user manual, or due to other factors such as weather and or nearby transmitting devices. Compatibility with other systems may vary and is reliant on the third party systems recognizing the standard outputs from the SART 100 em-trak reserves the right to update and change these specifications at any time and without notice.

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## EM-TRAK SART 100 FEATURES & SPECIFICATION

### DIMENSIONS & WEIGHT

- › 381mm x 67mm max diameter
- › 250g

### VHF TRANSCEIVER

- › Transmitter x 1
- › Frequency: 161.975MHz and 162.025MHz
- › Output power: 1W EIRP
- › Marine Equipment Directive (MED) Compliant CE marking under R & TTE directive

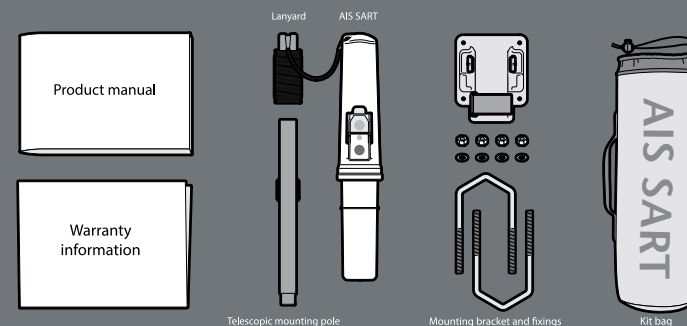
### POWER

- › Internal non-hazardous Lithium battery with 5 year storage life
  - › Minimum 96 hour operating time
- ### GPS RECEIVER
- › 50 channels
  - › IEC 61108-1 compliant
  - › Cold start time typically <40 seconds

### CERTIFICATION

- › CE marking under R & TTE directive for Europe
- › Marine Equipment Directive (MED) compliant

## WHAT'S IN THE BOX



EM-TRAK DEALER

## Maritec Trust

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