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DISTRIBUTORS AND AGENTS THROUGHOUT THE WORLD



Dealer:

SART

WHAT IS A SART?

A SART is a 'search and rescue locating device' designed to assist in survivor craft location during rescue operations at sea.

Our SARTs are fully certified to IMO SOLAS (commercial vessel) standards, but are also ideal for leisure yachts and recreational boaters.

The SART should be stowed on board in a location where it can be quickly carried off into a survival craft. Alternatively, it can be stored in the life-raft itself. Once activated, the SART may be suspended inside the survival craft or mounted in an elevated position using the integrated extending pole.



RESCUER 2 SART

The Rescuer 2 SART is a 9GHz X-band GMDSS Radar transponder. It is highly reliable, compact and easy to use, even with gloved or wet hands. It is ideally suited for packing in life-rafts or as a carry-off device.

Once activated, when a radar signal is received from a ship or aircraft, the Rescuer 2 automatically sends a response signal, which clearly identifies the survival craft on the screen of any radar within range by means of a stream of 12 in-line dots. When in use the Rescuer 2 will remain in standby mode for over 96 hours and will automatically start sending a response signal to any radar transmission being received.

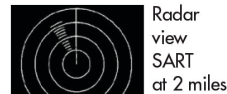
The Rescuer 2 SART has been designed for assisting air/sea ship or survival craft rescue operations and can withstand the toughest marine environments in accordance with IMO SOLAS regulations.

Key Features:

- For yacht or survival craft
- Buoyant and waterproof to 10m
- Compact and lightweight
- Replaceable 5 year battery life
- Audio/visual indication of operation
- Built-in test facility
- Integral lanyard
- Mounting options – internal/external



Radar view
SART at
6 miles



Radar
view
SART
at 2 miles



Radar view
SART
very close



TECHNICAL SPECIFICATIONS

RESCUER 2 SART

Beacon Specification

- Receiver Response: 9.2–9.5 GHz, sensitivity better than -50 dBm
- Transmitter Response: 12 forward and return sweeps through the range 9.2–9.5 GHz.
Nominal sweep times 7.5_s forward and 0.4_s return
- Radiated Power (ERP): Not less than 400 mW (+26 dBm)
- Duration of Operation: 96 hours in standby condition followed by a minimum 8 hours of transmission while being continually interrogated with a pulse repetition frequency of 1 kHz

Environment

- Temperature Range: -20°C to +55°C operational
-30°C to +65°C storage

Physical

- Effective Antenna Height: 1 metre or greater
- Weight: 360g (without mast or bracket)
510g (with mast)
530g (with mast & bracket)
- Dimensions: 264mm long x 90mm diameter
- Battery: Lithium metal
- Battery replacement interval: 5 years

