9GHz search and rescue transponder SART 54 Rescue

The new S4 Rescue SART is the latest quality product from McMurdo. The S4 Rescue is the smallest SART on the market*. Easy to use even with gloved or wet hands, the S4 Rescue offers reliability in a compact design.

The S4 Rescue is a 9GHz Xband Radar transceiver and has been designed for assisting air/sea ship or survival craft rescue operations in accordance with IMO, GMDSS requirements.



When a radar signal is received from a ship or aircraft, the S4 Rescue automatically transmits a response signal, which clearly identifies the survival craft on the radar screen by means of a stream of 12 in-line dots. Once activated, the S4 will remain in standby mode for over 96 hours.

- Ship or survival craft options
- Waterproof to 10mtrs
- Buoyant
- Compact and lightweight
- Maintenance free
- Replaceable, 5 year** battery pack
- Audio/visual indication of operation
- Built-in test facility
- Integral lanyard
- Mounting options internal/external

The S4 Rescue has been designed for reliable operation in the toughest of marine environments, in accordance with IMO GMDSS requirements.

correct at time of printing
** from date of manufacture



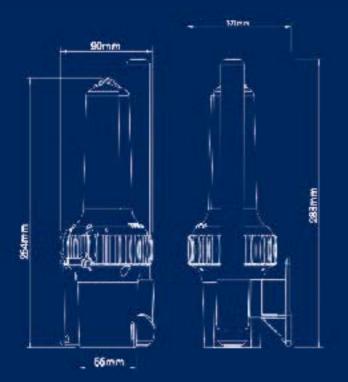






technical specifications

9 GHz search and rescue transponder SART S4 Rescue







Ordering information Model Descrip

S4 Rescue SART S4 Rescue SART S4 Rescue SART Adapter Plate Description C/w mast & mounting bracket C/w mast only Without mast or bracket RT9-3 Conversion

Part No. 86-300-001 86-302-001 86-304-001 86-484A

UN No: UN3091

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General	
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 µs forward and 0.4 µs return. Minimum recovery time following excitation, less than 10 µs. Response reply to receiver signal less than 0.5 µs.
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.
Temperature Range:	-20°C to +55°C operational -30°C to +65°C storage
Antenna Characteristics:	Vertical beamwidth at least +/- 12.5 degree relative to the horizontal plane of the radar transponder. Azimuthal beamwidth omnidirectional to +/- 2 dB.
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

General

To comply with UN regulations for transportation, as of January 2003 any products containing lithium batteries will be classified as UN Hazardous Class 9

Other equipment in the McMurdo range includes EPIRBs, PLBs, UAIS, VHF Radios, DSC VHF Radios, survivor location lights, ICS NAVTEX equipment and Pains Wessex pyrotechnics.

AUTHORISED DEALER

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