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

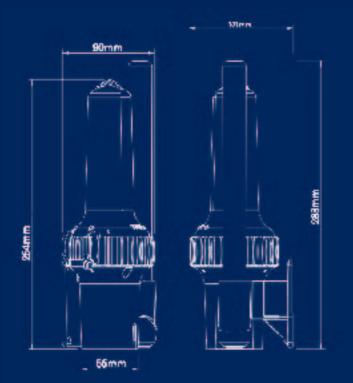






technical specifications

9GHz search and rescue transponder SART S4 Rescue







Ordering information

Model

S4 Rescue SART S4 Rescue SART S4 Rescue SART **Description** C/w mast & mounting bracket C/w mast only Without mast or bracket Part No. 86-300-001 86-302-001 86-304-001

UN No: UN3091

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General	
Receiver Response:	9.2-9.5GHz, sensitivity better than -50dBm
Transmitter Response:	12 forward and return sweeps through the range 9.2-9.5GHz. Nominal sweep times 7.5µs forward and 0.4µs return. Minimum recovery time following excitation, less than 10µs. Response reply to receiver signal less than 0.5µs.
Radiated Power (ERP):	Not less than 400mW (+26dBm)
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 1kHz.
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 +/- 2dB.
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

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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