

mcmurdo

SMARTFIND S5 AIS SART

*A new AIS-based alternative
to the traditional SART*



Meets SOLAS requirements

Attractive price

Higher safety
signals also vessels carrying only AIS

A SART is a 'Search and Rescue Transponder' designed to assist in locating distressed vessels and survivor crafts

The Smartfind S5 AIS SART 'Search and Rescue Transponder' is an alternative to a traditional Radar SART. Compact and easy to operate and deploy, the Smartfind S5 is packed inside a quick release carry off bag.

A major benefit of the AIS SART is that the distressed information becomes viewable using standard ship's AIS equipment. Both the range and bearing to locate the survivors will be clearly presented on the ship's AIS display.

Smartfind S5 transmits a series of updated structured alert messages including its geographic position and serialised identity number. Once activated the S5 AIS SART transmits emergency alerts for a minimum of 96 hours. A built-in high precision GPS provides exact position information to assist in quick recovery of the distressed.

Whether wall mounted in the ships bridge or packed inside a survival craft the highly visible and buoyant carry case affords maximum protection.

Key features

- Can be carried on board the survival craft
- Waterproof down to 10 meters
- Buoyant
- Rugged, compact and lightweight
- Non-hazardous battery
- Replaceable 6 years battery pack
- Visual indication of operation
- Built-in test facility
- Integral lanyard
- Mounting options – Internal/External

Specifications

Type	IMO AIS SART	<i>Non float free</i>
	Operation	Manual activation switch Self test
AIS transmitter	Operating frequency	AIS1, 161.975 MHz AIS2, 162.025 MHz
	Power output	1 W EIRP
	AIS message type	1, 14
	Modulation	GMSK
Battery	Antenna	Integrated vertical element
	Type	Lithium metal
	Operating life	96 hours minimum
	Storage	6 years
	Service	Replaceable
GNSS	GPS	20 channels
Environment	Operating temperature	-20 °C to +55 °C
	Storage temperature	-30 °C to +70 °C
	Waterproof	Immersion to 10m
	Buoyancy	Floats
	Exterior Finish	Highly visible orange
Physical	Compass safe distance	0.5m
	Weight (main unit)	160 grams
	Weight (including pole)	450 grams
	Size (main unit)	H330 x W85 (mm)
	Overall length including pole	155 cm
Mounting	Lanyard	10 m, 50Kg breaking strain
	Stowage case (packed)	940g H390 x D80 x W150 (mm)
	Bulkhead bracket	230g
Standards applied	AIS SART	IEC 61097 -14, IEC 60945
	Radio	ITU – R M.1371
	GNSS / GPS	IEC 61108-1
	IMO	MSC.246(83)



Sample AIS Distress symbol
on plotter ECDIS