

➤ INCREASE YOUR SAFETY ON BOARD WITH INNOVATIVE TECHNOLOGY



Tron AIS-SART

SEARCH AND RESCUE TRANSMITTER



www.jotron.com



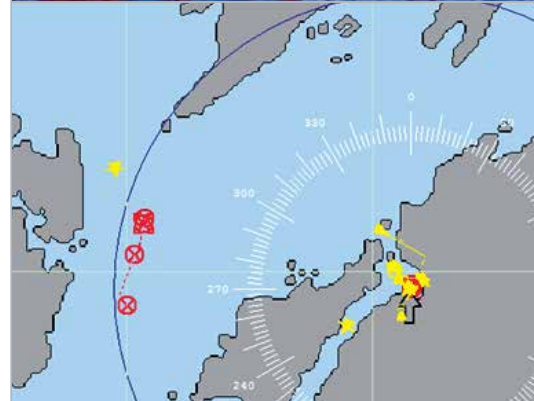
▶ Tron AIS-SART

GMDSS SEARCH AND RESCUE TRANSMITTER

- Adopted by IMO RES MSC. 256 (84) as an alternative to 9GHz SART
- Unique AIS technology contribute to a more effective and less time consuming SAR operation, due to superior position accuracy
- The AIS-SART is detected on both AIS Class A and B
- Small and compact
- Jotron Tron AIS-SART use the same accessories as the Tron SART20 (Bulkhead bracket, pole, life-boat bracket and neoprene protection bag)

Proved performance:

- Up to 10 nm from a SOLAS ship with AIS class A transponder
- Up to 40 nm from a SAR helicopter (altitude 1000 ft)
- Up to 130 nm from a SAR aircraft (altitude 20000 ft)



SPECIFICATIONS	
TECHNICAL	
Weight:	450g (16 oz)
Height:	251 mm (9 7/8")
Material housing:	Glass-reinforced Polycarbonate
Frequency:	161.975 and 162.025 MHz (AIS 1 and 2)
Radiated power:	Minimum 1W ERP (+30 dBm)
Time to GPS fix:	Typically less than 2 min when operated in an area with good satellite coverage.
Signaling:	Broadcasts position message, 8 bursts every minute. Broadcast safety message; "SART ACTIVE"
Position update:	Every minute
Antenna pattern:	Vertical polarization
Antenna height:	Place at least 1m (3.3 ft) above sea/ground level
Indicators:	Transmitter and GPS system operating
Temperature range:	Operating: -20°C to +55°C (-4°F to +131°F) Storage: -30°C to +65°C (-22°F to +149°F)
Battery:	Lithium, non hazardous battery for safe and unrestricted transportation
Operating life:	Minimum 96 hours
Standards:	MSC.246(83), ITU-R M.1371, IEC 61097-14, IEC 60945, SOLAS convention
ACCESSORIES	
Brackets:	Bulkhead bracket Lifeboat bracket
For life raft:	Life raft mounting pole Neoprene bag and strengthened lanyard Life raft mounting strap
WARRANTY	
	5 years



Agent/Distributor:

Jotron AS reserves the right to change the design and/or specifications at any time without prior notice. Reservations are also taken towards any general errors that may occur.

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