



FT - 501 Radar Transponder

CHINA CLASSIFICATION SOCIETY (CCS) : FZ12T00011

REGISTER OF FISHING VESSEL OF P.R.C. : C00001300007

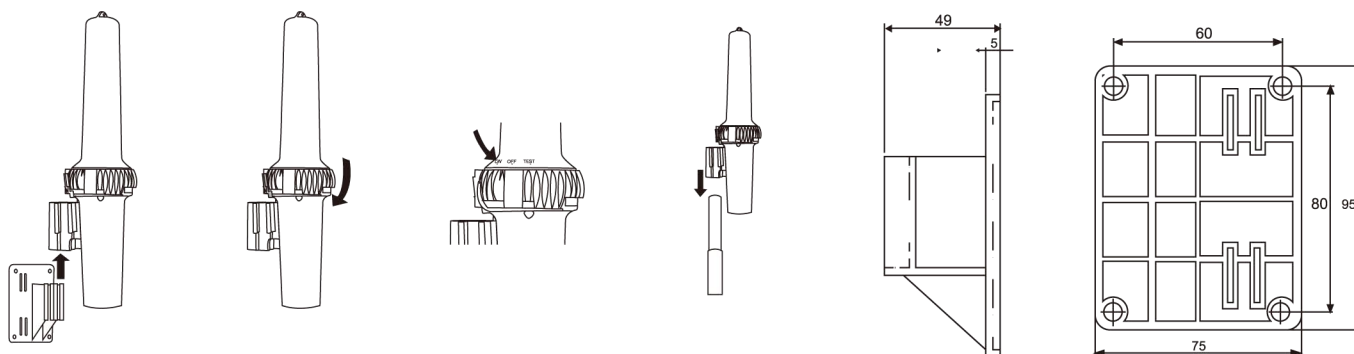
SART

FT-501 SART (radar transponder) comply with IMO A.802 (19) lifeboat resolution performance standards for search and rescue operations, are an integral part of the GMDSS



FT-501 Radar-SART

Main Unit



Function

- Utilize X-band small signal detection technique ,Waveform generation technology, High efficiency power conversion achieve low power consumption, With good electromagnetic compatibility,mature technology reliable performance.
- Navigation radar of search and rescue ship or helicopter detect pulses from the SART , The SART transmitting signal will display exactly position on radar screen of search and rescue ship or helicopter.
- Crew(survivors) with hand-held SART or distress ship equipped with SART will discover rescue ship or helicopter is getting close to them.

Technical Specification

| | |
|-------------------------|---|
| Frequency Range | : 9200MHz ~ 9500MHz |
| Polarization | : Horizontal polarization |
| Antenna | : Horizontal beam (Omni-directional)<± 2dB: vertical beam ± 12.5° |
| Sweep Rate | : (Forward period) 7.5 ± 1us : (Return period) 0.4μs±0.1μs |
| Radiated Power | : ≥ 27dBm |
| Response Delay | : ≤ 0.5us |
| Sensitivity | : ≤ -52dBm |
| Recovery Time | : ≤ 10us |
| Environment Temperature | : -20 °C ~ +55 °C |
| Application Areas | : Marine search and rescue system security |
| Overall Dimensions | : 90 (D) x 375 (L) mm |
| Weight | : ≤ 1 (kg) |

Standard Parts :

- 10M ropes floatable
- Stand
- Mounting bracket
- Not less than 1m strut rod

Note: Specifications are subject to be changed without notice.

Manufacturer :

Shishi Feitong Communication Equipment Co., Ltd.

Address : Fujian Shishi City Yong Ning Zhen Faith Toward
Development Zone's Floor

TEL : 0595-88481988 88480988 88499888

FAX : 0595-88482988 <http://www.cnft168.com>

Worldwide Sole Distributor & Agent (Exclude Mainland) :

E-Trust Marine Service Co., Ltd.

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