SART (Search and Rescue Radar Transponder)

NRT-1000

- High compatibility and stability
- Type approval with CCS

- Designed to use for emergency purpose on life raft.
- Adopts low consumption design to ensure the product to continuously operate more than 96 hours.
- The Search and Rescue Radar Transponder (SART) is a 9 GHz receiver / transmitter which provides a position.
- The fundamental function of the SART is to indicate its position by producing range and bearing information on any 9 GHz radar screen of any nearby vessels and aircraft.
- When its RADAR receiver is triggered by an interrogating RADAR of 9 GHz band on a search and rescue ship or aircraft, the SART immediately transmits a coded response signal (a series of 12 dots).
- Conforms to the latest standards including IMO A.802 (19), IMO MSC.510 (105) and IEC 61097-1.

CCS GMDSS WATERTIGHT 10m for 5 min

SPECIFICATIONS

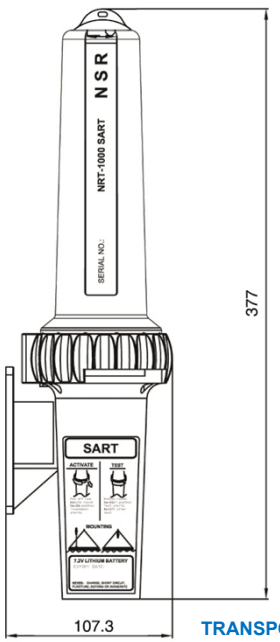
- **TECHNICAL SPECIFICATIONS**
  - TX Frequency: 9.2～9.5 GHz
  - Polarization: Horizontal
  - Radiated Power: 400 mW E.I.R.P
  - Receiver Sensitivity: Better than -50 dBm
- **BATTERY REQUIREMENTS (NBT100)**
  - Battery Voltage: DC 9 V
  - Storage Life: Max 5 years on board (plus one year of shelf time)
  - Operating hours: ≥96 hours standby + 8 hours continuous transmission (interrogated with a pulse repetition frequency of 1Hz)
- **SIZE & WEIGHT**
  - Size: 95 (D)×377 (L) mm
  - Weight: 750 g
- **WORKING ENVIRONMENTS**
  - Operating Temp: -20℃～+55℃
  - Storage Temp: -40℃～+70℃
  - Floating Type: Floatable
  - Watertight: At a depth of 10m for at least 5 min

EQUIPMENT LIST

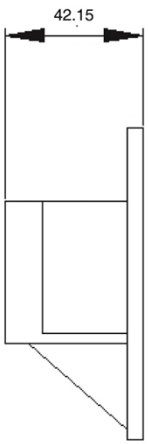
- **STANDARD**

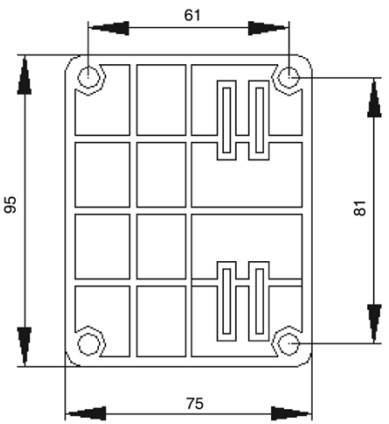
- Transponder	NRT-1000	1 pc
- Mounting Bracket		1 pc
- Tele-Pole (1.5 m)		1 pc
- Accessories		1 set

SIZE DIMENSION



TRANSPONDER





MOUNTING BRACKET

※ *Specifications subject to change without notice*