

NRT-1000

SART (Search and Rescue Radar Transponder)



- Designed to use for emergency purpose on liferaft.
- 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) , IEC 61097-1.
- Type approval with CCS and VR.



SPECIFICATIONS

● TECHNICAL SPECIFICATIONS

TX Frequency:	9.2~9.5GHz
Polarization:	Horizontal
Radiated Power:	400mW E.I.R.P
Receiver Sensitivity:	Better than -50dBm

● BATTERY REQUIREMENTS (NBT100S)

Battery Voltage:	DC 7.2V
Storage Temp:	-30℃~+70℃
Storage Time:	max 5 years on board (plus one year of shelf time)
Working Hours:	At least 96 hours

● WORKING ENVIRONMENTS

Operation Temp:	-20℃~+55℃
Floating Type:	Floatable
IP Grade:	IP67

● DIMENSION & WEIGHT

Dimension:	95 (D) × 377 (L) mm
Weight:	750g

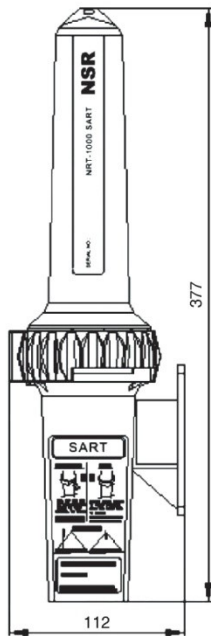
EQUIPMENT LIST

● STANDARD

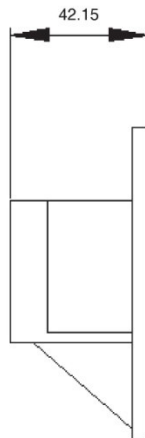
- Transponder (NRT-1000)	1 pc
- Installation Bracket	1 pc
- Tele-Pole (1.5m)	1 pc
- Accessories	1 set



SIZE DIMENSION



Transponder



Mount bracket

