

- High integration and low failure rate
- Type approval with DNV (MED) and CCS



- Designed to use for emergency purpose on life raft. According to the relative IMO rule, either AIS-SART or traditional RADAR-SART (Search and Rescue Transponder) can be accepted as "SAR LOCATING DEVICE" to be a member of onboard GMDSS family from January 1st, 2010.
- Compared to RADAR-SART, AIS-SART has advantage in some aspects, such as farther-reach transmission and less affect from sea conditions. With more and more vessels to be fitted with AIS, AIS-SART will become more effective and useful in SAR operations.
- Designed to transmit a serial of messages on two AIS channels periodically. With unique and special MMSI pre-configured, alerts from AIS-SART can be easily recognized and read, which is sent both in position report and safety message.
- Adopts low consumption design to ensure the product to continuously operate more than 96 hours.
- Conforms to the latest rules including IMO MSC.246 (83) and IEC 61097-14.



SPECIFICATIONS

● TECHNICAL SPECIFICATIONS

- TX Channel: AIS 1, AIS 2
- FREQ Tolerance: ≤ 0.5 kHz
- Communication Range: ≥ 5 nm
- Operating Hours: ≥ 96 hours
- GPS Fixing Time: ≤ 1 minute

● BATTERY REQUIREMENTS (NBT100)

- Battery Voltage: DC 9V
- Storage Temp: $-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Storage Life: Max 5 years on board
(plus one year of shelf time)

● WORKING ENVIRONMENTS

- Operation Temp: $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- Floating Type: Floatable
- IP Grade: IP67

● SIZE & WEIGHT

- Size: 95 (D) $\times$ 377 (L) mm
- Weight: 900 g

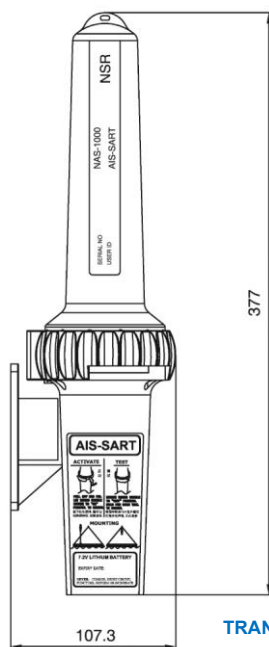
EQUIPMENT LIST

● STANDARD

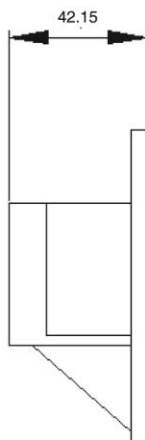
- Transponder (NAS-1000) 1 pc
- Installation Bracket 1 pc
- Tele-Pole (1.5 m) 1 pc
- Accessories 1 set



SIZE DIMENSION



TRANSPONDER



MOUNT BRACKET

