AIS-SART

NAS-1000

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

- Designed to use for emergency purpose on the life raft.
- Compared to RADAR-SART, AIS-SART has advantages in some aspects, such as farther-reach transmission and less effect 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

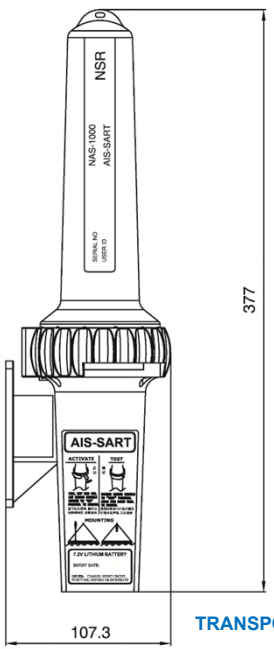
- **TECHNICAL SPECIFICATIONS**
  - TX Channel: AIS 1, AIS 2
  - FREQ Tolerance: ≤0.5 kHz
  - Communication Range: ≥5 nm
  - Operating Hours: ≥96 hours
  - GNSS Fixing Time: ≤1 minute
- **BATTERY REQUIREMENTS (NBT100)**
  - Operating hours: 96 hours (in activation mode)
  - Storage Life: Max 5 years on board (plus one year of shelf time)
- **GNSS Receiver**
  - Type: Built-in GNSS antenna
  - System Supported: GPS, Glonass, BDS
- **SIZE & WEIGHT**
  - Size: 95 (D)×377 (L) mm
  - Weight: 900 g
- **WORKING ENVIRONMENTS**
  - Operation Temp: -20℃~+55℃
  - Storage Temp: -40℃~+70℃
  - Floating Type: Floatable
  - Watertight: At a depth of 10m for at least 5 min

EQUIPMENT LIST

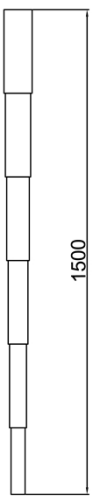
- **STANDARD**

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

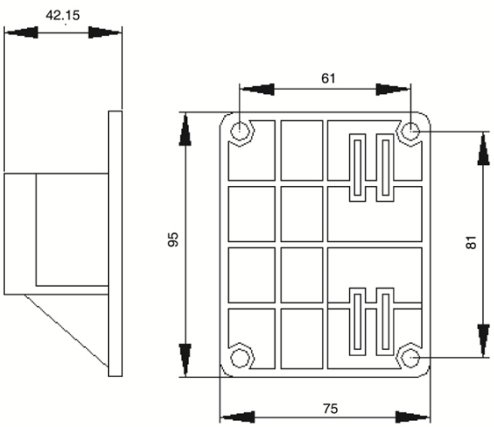
SIZE DIMENSION



TRANSPONDER



TELE-POLE



MOUNTING BRACKET

※ *Specifications subject to change without notice*