

- 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) \times 377 (L) mm
- Weight:	900 g

● WORKING ENVIRONMENTS

- Operation Temp:	-20°C \sim +55°C
- Storage Temp:	-40°C \sim +70°C
- Floating Type:	Floatable
- Watertight:	At a depth of 10m for at least 5 min

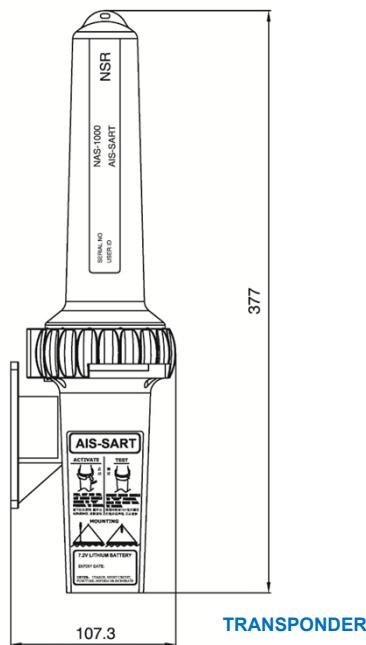
EQUIPMENT LIST

● STANDARD

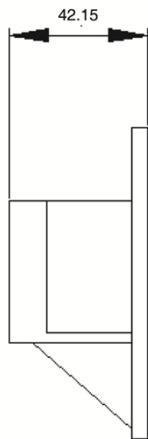
- Transponder	NAS-1000	1 pc
- Mounting Bracket		1 pc
- Tele-Pole (1.5 m)		1 pc
- Accessories		1 set



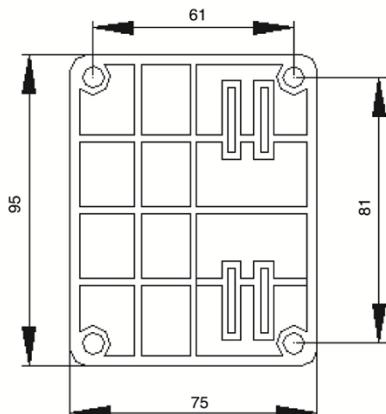
SIZE DIMENSION



TRANSPOUNDER



MOUNTING BRACKET



※ Specifications subject to change without notice