

# RV Aranda

## Made to serve marine research

### Technical details

- Name Aranda
- Built 1989, Oy Laivateollisuus Ab / Wärtsilä Marine
- Renovated 2018, Rauma Marine Constructions
- Owner Finnish Environment Institute
- Home port Helsinki
- Call sign OIRY
- Classification DNV-GL 1A E0, Ice1A / Ice 1ASuper, Battery (Power), Special Purpose Ship
- Length 66.30 m
- Width 13.80 m
- Draught 4.60
- Gross tonnage 1,969
- Main Propulsion Power 3,000 kW
- Cruising speed 10 knots (max speed 13 knots)
- Endurance 60 days
- Berths for researchers 27 (max 50 persons)
- Crew 14
- Laboratory space 260 m<sup>2</sup> incl. wet lab, acclimated rooms, offices
- Workshop 7 m<sup>2</sup>
- Sampling facility 132 m<sup>2</sup>
- Sampling deck 190 m<sup>2</sup>
- Helicopter deck (winch only)
- Research and storage container facilities
- Sauna, gym and laundry
- Navigational instruments: DGPS (2), ECDIS, USBL
- Communications equipment: Inmarsat Fleet 77, Inmarsat C, VHF/MF/HF, MF/HF telex, DSC VHF/MF, aviation VHF GSM connections, VSAT
- Weather station
- ICT facilities
- Applanix motion reference



Photo: Aleksii Honkakari / Sideways Eight Finland Oy / SYKE

### Weather station:

Readings every minute for wind speed and direction; air pressure, humidity and temperature; solar radiation; seawater temperature and conductivity.

### ICT facilities:

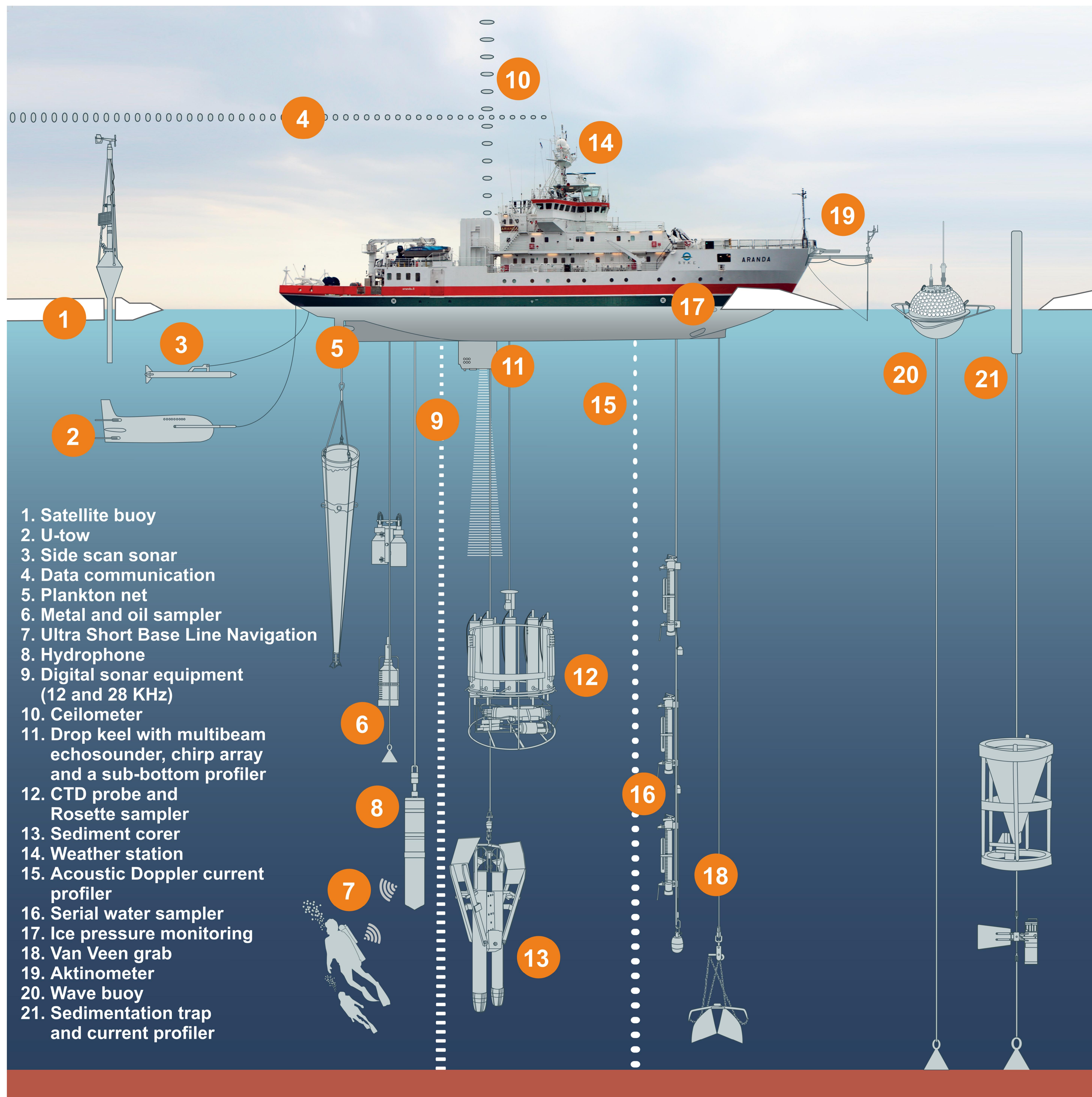
Lab computers connected to local network.

Networked servers give access to new lab+, observational and meteorological data systems.

Internal onboard communications via intranet and info-channel system.



# RV Aranda's Research Instruments



Picture: Ilmari Hakala / Sopiva Design / SYKE

## Contacts:

### ARANDA

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