

Wissenschaftliche Einrichtungen u. Geräte / Scientific Devices and Equipment

Summaries

- All scientific devices and systems - overview
- Data management
 - Data storage overview
 - DShip - System
 - Mass Data storage and archiving
- Events of scientific devices (for authorized users only)
- Recently changed pages
- Service information of scientific devices (for authorized users only)

Data Management:

[Data storage overview](#)

[DShip - System](#)

[Mass Data storage and archiving](#)

Echo Sounders

- ADCP Ocean Surveyor (150 kHz)
- ADCP Workhorse Mariner (600kHz)
- Fishing Echo Sounder (Simrad EK 60 / EK 80)
 - F38_kHz transducer [Fishing Echo Sounder]
 - F70_kHz transducer [Fishing Echo Sounder]
 - F120_kHz transducer [Fishing Echo Sounder]
 - F200_kHz transducer [Fishing Echo Sounder]
- Multibeam Echo Sounder (EM712)
 - multibeam EM712 RX transducer array
 - multibeam EM712 TX transducer array
- Scanmar Fishnet Echo Sounders
 - Hydrophone portside
 - Hydrophone starboard
- Sediment Echo Sounder (Innomar SES)
- Sound Velocity Probe (MIDAS SVP)
- Sound Velocity Probe (Valeport Mini SVS)

Meteorology

- Downward Long Wave Radiation Sensor (Pyrgeometer)
- Global Radiation Sensor (Pyranometer)
- Hyperspectral UV-VIS Radiance Sensor (RAMSES)
 - RAMSES-ACC hyperspectral cosine irradiance meter (SN847e)
 - RAMSES-ARC hyperspectral radiance meter (SN847b)
 - RAMSES-ARC hyperspectral radiance meter (SN8474)
 - RAMSES-ARC hyperspectral radiance meter (SN8475)
 - RAMSES-ARC hyperspectral radiance meter (SN8478)
- Weather Station
 - Barometric Pressure Sensor [Weather Station]
 - Humidity Sensor [Weather Station]
 - Temperature Sensor [Weather Station]
 - Water Temperature [Weather Station]
 - Wind Sensor (Anemometer) [Weather Station]

Oceanography

- CTD Probe with Carousel Water Sampler
 - C-Star Transmissometer
 - ECO FL fluorometer
 - PSA-916 Sonar Altimeter
 - SBE3plus temperature sensor
 - SBE4 conductivity sensor
 - SBE32 water sampler
 - SBE43 oxygene sensor
 - SBE 5P pump
- Flow Meter (PROMAG 50)
- Fluorometer (ECO FL(RT))
- Thermosalinograph
 - Conductivity and Temperature Sensor (SBE21)

- Temperature Sensor (SBE38)

Ship Navigation

- Dual Axis Doppler Log (DO Log)
- Electromagnetic Log (EM Log)
- GPS Receiver DGPS SAAB R5
- GPS Receiver Trimble Marine SPS461
- Gyrocompass (NAVIGAT X MK1)
- Motion Sensor (PHINS)
- Navigation Echo Sounder
- Ship Navigation Platform (NACOS)

Underwater Positioning Systems

- Global Acoustic Positioning System (GAPS)

Winch system

- Winches and cables
- Winch measuring system

Information technology

- Computers, printers and networks
- How to connect to ship's IT
- Internet communication

Labore und Arbeitsbereiche / Laboratories and working areas

Wasserversorgung / Water Supply

Stromversorgung - Powersupply

Kühlen und Kühlraum - Cooling and cold storage

Video-System