

Polarstern Devices: Data storage overview

Page	Rawdata	DShip	DataOnLand
Acoustic Doppler Current Profiler (ADCP)			
Anschütz Gyrocompass			
Automated Filtration for Marine Microbes (AUTOFIM_10001.125)		No data transfer to DShip.	After the cruise, the operator transfers the measurement data along with required meta data to AWI after consultaion with the data scientist and AWI Logistics. Then, the data (including meta data) can be extracted from https://www.pangaea.de/ (for authorized users only).
Automatic Infra Red Marine MAMMAL Mitigation System (AIMMMS)	On hard disks of data-processing workstation, to be provided by user.	No data transfer to DShip.	Not implemented, responsibility with respective user.
C-Keel Sound Velocity Probe			
Core Logger	Local storage on MSCL-S electronic. Operator is in charge of data backup.	No data transfer to DShip.	Not implemented, responsibility with respective user.
CTD Probe with Carousel Water Sampler		No data transfer to DShip.	
DESY Myon Detector		No data transfer to DShip.	
Dredge (barrel 470mm)	No data storage on board.	No data transfer to DShip.	Not implemented, responsibility with respective user.
Dredge (box 980x320mm)			
Dual Axis Doppler Log (DO-Log)			
Electromagnetic Log (EM-Log)			
Ferrybox			
Fishing Echo Sounder (Simrad EK 80 with ADCP)			
Fishnet Echo Sounders (Net Sounders)		No data transfer to DShip.	
Giant Box Corer	No data storage on board.	No data transfer to DShip.	Not implemented, responsibility with respective user.
Global Acoustic Positioning System (GAPS)			
GPS Wave Buoy (GPS Waverider)		No data transfer to DShip.	Not implemented, responsibility with respective user.
Gravity Corer	No data storage on board.	No data transfer to DShip.	Not implemented, responsibility with respective user.
Ice radar (sigma S6)			
Kasten Corer	No data storage on board.	No data transfer to DShip.	Not implemented, responsibility with respective user.
Lacoste and Romberg Gravity Meter			
Magnetometer System (Magnetics)			

Marine Gravimeter System (Gravimeter)			
Marine Seismic Equipment	Raw data is temporarily stored to the data acquisition unit and written on tapes and backup tapes on a regular basis.	No data transfer to DShip.	Not implemented, responsibility with respective user.
Mobile AIS Transponder	Data are not archived on board.	Coordinates are not logged in DShip.	The positions are not archived on land.
Motion Sensor (Hydrins Inertial Navigation System)			
Multi Corer			
Multi Plankton Sampler	No data storage on board.	No data transfer to DShip.	Not implemented, responsibility with respective user.
Navigation Echo Sounder			
Neutron Monitor		No data transfer to DShip.	
Optimare Precision Salinometer (OPS)		No data transfer to DShip.	Not implemented, responsibility with respective user.
pCO2 Monitoring System General Oceanics (GO pCO2)			
pCO2 Monitoring System OceanPack SAE (SubCtech)			
Piston Corer			
POSIDONIA			
Positioning System C-Joy		No data transfer to DShip.	No data archiving on land.
Radiosondes Sounding System		No data transfer to DShip.	
Sediment Echo Sounder (Parasound P70)			
Ship Navigation Platform (NACOS)			
Sound Velocity Probe (MIDAS SVP)		No data transfer to DShip.	
SyncUnit			
Thermosalinograph Keel 1 and Keel 2 (TSK1 and TSK2)			
Trimble GPS Receiver			
TV-guided Multiple Corer (TV-MUC)		No data transfer to DShip.	
Underway Conductivity-Temperature-Depth Probe (UCTD)		No data transfer to DShip.	Not implemented, responsibility with respective user.
VCS Satellite System			
Wave Radar System (WaMoSII)		No data transfer to DShip.	
Weather Station			

