

# Marine Geophysics Hamburg

## University

### OBS -Technique

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## OBS Geophysics Uni-hamburg

### 10 OBS Instruments

#### Configuration.

- Aluminium frames
- L x B x H 170 x 125 x 90 cm
- 4 Vitrovox Glass spheres: 17 inch
- heave 230 kg + Anchor ca. 100 kg
- 2 Aluminium pressure cylinder, for Battery and Recorder (inside diameters 145 mm)
- Transmitter RF700A1
- Flashlight ST-400A
- Releaser K/MT 563
- Hydrophone HTI-04-PCA/ULF Amplifire  
Send LOWN21
- Seismometer (Z) LE-1D/V 223-0035
- Recorder MLS14 (max. 200Hz)
- Anchors are self made (rails)
- Max depth 6000 m
- Timerange exploration Alkali Battery:  
8 Months
- Sink speed 33 m/min
- Rise speed 44 m/min
- **in 2018: 5 Broadband sensors (Trillium  
OBS Compact)**  
**with 6d6 KUM Datalogger**



