# OBH/OBS/OBT/OBM-Station-protocol

**GEOMAR**

| **Project** | **ARCHIMEDES - SO267** | | | |
|---|---|---|---|---|
| | profile(s): | PO3 | area: | Lau Basin |
| | station: | OBS 342 | date: | 14. 12. 18 |

| **Recorder** | no.: | 007 | ☐ MBS ☐ MLS ☐ MES ☐ MTS ☐ MCS ☐ Sercel ☐ 6D6 | | | |
|---|---|---|---|---|---|---|
| | frequency: | 150 Hz | ☐ Capsum   Int. & Acqu. | | ☒ Geolog | |
| | card(s): | a: 64 b: 64 16  GB | S/N: a: 23 1533 0919 ☒ formatiert | | | b: 338907065 |
| | battery: | ☒ Mono-cells ☐ akku | 12,5 V | no.: ~~15~~ 129 | pieces: 24 | |

| | | channel 1: | channel 2: | channel 3: | channel 4: |
|---|---|---|---|---|---|
| | pre-amplifier/plug(s) etc.: | | | | |
| | gain: | 1 | 16 | 16 | 16 |

| | leveling: | | ☐ not applicable |
|---|---|---|---|
| **Start-sync.:** | date (dd:mm:yy): 14 /12/ 18   time (hh:mm:ss): 01:20:55 | ☐ KUM ☐ Precitel ☒ GARMIN | |
| | ☒ recording   time (hh:mm:ss): 01:23:15   ☒ kb recorded   ☒ GPS-signal ok | | |
| **Cylinder:** | no.: 36 | | |
| | Operator: BCH₁   ☒ two dry-packs inserted   ☒ all screws fixed | | |

| **Frame** | type: ☐ one-leg (OBH) ☒ Walze (Rollen) ☐ Walze (Würfel) ☐ Lobster | |
|---|---|---|
| | floatation: 47   ☐ long anchor-cable   extra weight: ☒ short ☐ long | |
| **Antenna:** | channel: ☐ A ☐ B ☐ C ☒ D ☐ other   frequency: 160.785 MHz | |
| | no. Y10-052 ~~701-054~~ ☒ tested ☒ switched on | |
| **Flash:** | no.: 001-054   ☒ tested ☒ switched on   ☒ flag | |
| **Releaser:** | code: 433477   time-release: 23.01.19  9:00 | |
| | Enable / Disable: 417644 / 417667   ☐ Klappertest | |
| **Sensors:** | hydrophone: 483042   ☐ OAS ☒ HTI ☐ DPG | |
| | 3-comp.: 1609130   ☒ Owen ( 4.5Hz ) ☐ LG ☐ Guralp ☐ Trillium | |
| | burning wire: V   ☐ Ausleger ☐ Eingespannt | |
| | pressure   Methane | |
| | Operator: Anouk   ☒ all plugs fixed to cylinder | |

| **Deployment** | date (dd:mm:yy): 14 /12 / 18 | time (hh:mm): 14:29 | ☒ UTC ☐ Local |
|---|---|---|---|
| | coordinates: | latitude: 17 ° 19,782 ' | ☐ N ☒ S |
| | | longitude: 173 ° 52,508 ' | ☐ E ☒ W |
| | water-depth: 1102 m | | |
| | Operator: Betti | | |

| **Recovery** | released: | date: 18/12/2018 | time: 22:52 | ☒ UTC ☐ Local |
|---|---|---|---|---|
| | on surface: | date: 18/12/2018 | time: 23:26 | |
| | recovered: | date: 18/12/2018 | time: 23:43 | |
| | coordinates: | latitude: 17 ° 19,894 ' | ☐ N ☒ S | |
| | | longitude: 173 ° 52,345 ' | ☐ E ☒ W | |
| | water-depth: | m | | |
| | Operator: Bettina | | | |

| **Recorder** | date (dd:mm:yy): 18 /12 / 18 | time (hh:mm:ss): 23:56:31 | ☐ KUM ☐ Precitel ☒ GARMIN |
|---|---|---|---|
| **End-Sync.:** | skew: +0,15 ms | file-size: 16956.4 16 kb | ☒ GPS-signal ok |
| | battery: 11,1 V | | |

| | ☐ errors | |
|---|---|---|
| | ☒ no errors | |
| | Operator: Bettina   ☐ recorder- and ☐ releaser-diaries updated | |