

OBH/OBS/OBT/OBM-Station-protocol



Project

ARCHIMEDES - SO267

 profile(s): Long term
 station: OBS 011

 area: Lau Basin
 date: 19.12.18

Recorder

 no.: 039 ☐ MBS ☐ MLS ☐ MES ☐ MTS ☐ MCS ☐ Sercel ☐ 6D6
 frequency: 250 Hz ☐ Capsum Int. & Acqu. ☒ Geolog
 card(s): a: 64 b: 64 16216 GB S/N: a: 285756 197 ☒ formatiert b: 32840954
 battery: ☒ Mono-cells ☐ akku 12.7 V no.: 30 pieces: 48
 pre-amplifier/plug(s) etc.:
 gain: 1 16 16 16
 leveling: ☐ not applicable

Start-sync.:

 date (dd:mm:yy): 19/12/18 time (hh:mm:ss): 08:02:56 ☐ KUM ☐ Precitel ☒ GARMIN
☒ recording time (hh:mm:ss): 08:06:32 ☒ kb recorder ☒ GPS-signal ok

Cylinder:

 no.: 4
 Operator: Belti ☒ two dry-packs inserted ☒ all screws fixed

Frame

 type: ☐ one-leg (OBH) ☒ Walze (Rollen) ☐ Walze (Würfel) ☐ Lobster
 floatation: 40 ☐ long anchor-cable extra weight: ☒ short ☐ long

Antenna:

 channel: ☐ A ☒ B ☐ C ☐ D ☐ other frequency: 159.48 MHz

Flash:

 no.: 801-263 ☒ tested ☒ switched on

Releaser:

 no.: 802-067 ☒ tested ☐ switched on ☐ flag
 code: 442/144 time-release: 23.1.19 9:00 UTC
 Enable / Disable: 440624/440 ☐ Klappertest

Sensors:

 hydrophone: 1125009 ☐ OAS ☒ HTI ☐ DPG
 3-comp.: ☐ Owen (4.5Hz) ☐ LG ☐ Guralp ☐ Trillium
 burning wire: V ☐ Ausleger ☒ Eingespannt
 pressure: Methane
 Operator: ☐ all plugs fixed to cylinder

Deployment

 date (dd:mm:yy): 19/12/18 time (hh:mm:ss): 15:47:46 ☒ UTC ☐ Local
 coordinates: latitude: 17° 26.880' ☐ N ☒ S
 longitude: 174° 40.430' ☐ E ☒ W
 water-depth: 2680 m
 Operator:

Recovery

 released: date: 20/01/19 time: 12:53 ☒ UTC ☐ Local
 on surface: date: 20/01/19 time: 13:30
 recovered: date: 20/01/19 time: 14:00
 coordinates: latitude: 17° 26.682' ☐ N ☒ S
 longitude: 174° 40.818' ☐ E ☒ W
 water-depth: m
 Operator: Belti SL

Recorder

 date (dd:mm:yy): 20/01/19 time (hh:mm:ss): 14:09:13 ☐ KUM ☐ Precitel ☒ GARMIN
 End-Sync.: skew: +75.17 ms file-size: 13GB ☒ GPS-signal ok
 battery: 10.8 V

☐ errors
☒ no errors

Operator:

☐ recorder- and ☐ releaser-diaries updated

Belti