OBH/OBS/OBT/OBM-Station-protocol

GEOMAR

Project	**ARCHIMEDES - SO267**		
	profile(s):	PO3	area: Lau Basin
	station:	OBS 350 - 002	date: 13.12.18

Recorder

no.:	021	☐ MBS ☐ MLS ☐ MES ☐ MTS ☐ MCS ☐ Sercel ☐ 6D6	
frequency:	250 Hz	☐ Capsum Int. & Acqu.	☒ Geolog
card(s):	a: 64 b: 64 128+16 GB	S/N: a 18455596835 b 166101 9459	☐ formatiert
battery:	☒ Mono-cells ☐ akku	12,56 V no.: 43	pieces: 48

	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): 13/12/18 time (hh:mm:ss): 08:07:16 ☐ KUM ☐ Precitel ☒ GARMIN

☒ recording time (hh:mm:ss): 08:37:27 ☐ kb recorded ☒ GPS-signal ok

Cylinder: no.: 84

Operator: Robert ☒ two dry-packs inserted ☒ all screws fixed

Frame

type: ☐ one-leg (OBH) ☐ Walze (Rollen) ☒ Walze (Würfel) ☐ Lobster

floatation: 105 ☐ long anchor-cable extra weight: ☐ short ☒ long

Antenna: channel: ☐ A ☐ B ☐ C ☒ D ☐ other frequency: 160,758 MHz

no.: W01-050 ☒ tested ☒ switched on

Flash: no.: 107-085 ☒ tested ☒ switched on ☒ flag

Releaser: code: 430135 time-release: 13.1.13 15:00 UTC

Enable / Disable: 4M537 4M552 ☐ Klappertest

Sensors: hydrophone: 1125003 ☐ OAS ☒ HTI ☐ DPG

3-comp.: 1205-123 ☒ Owen (4.5Hz) ☐ LG ☐ Guralp ☐ Trillium

burning wire: V ☐ Ausleger ☒ Eingespannt

pressure: [ ] Methane: [ ]

Operator: TP ☒ all plugs fixed to cylinder

Deployment

date (dd:mm:yy): 14/12/18	time (hh:mm): 01:29	☒ UTC ☐ Local
coordinates:	latitude: 17 ° 16,218 '	☐ N ☒ S
	longitude: 174 ° 32,643 '	☐ E ☒ W
water-depth: 2958 m		

Operator:

Recovery

released:	date: 21/1/19	time: 01:15	☐ UTC ☐ Local
on surface:	date: 21/1/19	time: 01:55	
recovered:	date: 21/1/19	time: 02:15	
coordinates:	latitude: 17 ° 16,439 '	☐ N ☒ S	
	longitude: 174 ° 32,739 '	☐ E ☒ W	
water-depth: 2955 m			

Operator:

Recorder End-Sync.:

date (dd:mm:yy): 21/1/19 time (hh:mm:ss): 02:56:03 ☐ KUM ☐ Precitel ☒ GARMIN

skew: +41,65 ms file-size: 15.6 GB ☒ GPS-signal ok

battery: 10,5 V

☐ errors
☒ no errors

Operator: TP ☐ recorder- and ☐ releaser-diaries updated