OBH/OBS/OBT/OBM-Station-protocol

GEOMAR

Project	**ARCHIMEDES - SO267**		
	profile(s): PO3	area:	Lau Basin
	station: OBS 343	date:	14.12.18

Recorder

no.:	013	☐ MBS ☐ MLS ☐ MES ☐ MTS ☐ MCS ☐ Sercel ☐ 6D6	
frequency:	250 Hz	☐ Capsum Int. & Acqu.	☒ Geolog
card(s):	a: 64 b: 64 16816 GB	S/N: 342262 7095	☒ formatiert b: 283542453
battery:	☒ Mono-cells ☐ akku	12,4 V no.: 135	pieces: 24

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

leveling:		☐ not applicable	

Start-sync.: date (dd:mm:yy): 14 / 12 / 18   time (hh:mm:ss): 01 :45: 19   ☐ KUM ☐ Precitel ☒ GARMIN

☒ recording   time (hh:mm:ss): 02:05: 16   ☒ kb recorded   ☒ GPS-signal ok

Cylinder: no.: 62

Operator: Betti   ☐ two dry-packs inserted   ☐ all screws fixed

Frame

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

floatation: 60   ☐ long anchor-cable   extra weight: ☒ short ☐ long

Antenna: channel: ☒ A ☐ B ☐ C ☐ D ☐ other   frequency: 154,185 MHz

no.: Y10-040   ☒ tested ☒ switched on

Flash: no.: S12-051   ☒ tested ☒ switched on   ☒ flag

Releaser: code: 451207   time-release: 29.01.2019 09.00

Enable / Disable: 479404 / 479427   ☐ Klappertest

Sensors: hydrophone: T125006   ☐ OAS ☒ HTI ☐ DPG

3-comp.: 0104-007   ☒ Owen (4.5Hz) ☐ LG ☐ Guralp ☐ Trillium

burning wire: V   ☐ Ausleger ☐ Eingespannt

pressure: _____   Methane: _____

Operator: Ahonh / Patrick M.L   ☐ all plugs fixed to cylinder

Deployment

date (dd:mm:yy): 14/ 12/ 18   time (hh:mm): 14: 53   ☒ UTC ☐ Local

coordinates: latitude: 17 ° 19,830 '   ☐ N ☒ S

longitude: 173 ° 49,085 '   ☐ E ☒ W

water-depth: 1225 m

Operator: Betti

Recovery

released:	date	18 12 /2018	time:	22: 04 ☒ UTC ☐ Local
on surface:	date	/ /	time:	22:22
recovered:	date	18 /12 / 2018	time:	22:50

coordinates: latitude: 17 ° 19,896 '   ☐ N ☒ S

longitude: 173 ° 49,005 '   ☐ E ☒ W

water-depth: 1230 m

Operator: Betti

Recorder End-Sync.:

date (dd:mm:yy): 18 /12 /18   time (hh:mm:ss): 23 :14: 32   ☐ KUM ☐ Precitel ☒ GARMIN

skew: -0,85 ms   file-size: 4362.75 kB   ☒ GPS-signal ok

battery: 10,7 V

☐ errors

☒ no errors

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