OBH/OBS/OBT/OBM-Station-protocol

GEOMAR

Project	**ARCHIMEDES - SO267**		
	profile(s):	~~OBS~~ ⊘ long term	area:	Lau Basin
	station:	OBS 006	date:	19.12.2018

Recorder

	no.:	007	☐ MBS ☐ MLS ☐ MES ☐ MTS ☐ MCS ☐ Sercel ☐ 6D6		
	frequency:	250 Hz	☐ Capsum Int. & Acqu.		☒ Geolog
	card(s):	a: 64 ~~b: 64~~ & 16 GB	S/N: a: 3053 5207 15	☒ formatiert	b: 3925 94356)
	battery:	☒ Mono-cells ☐ akku	12,8 V	no.: 48	pieces: 46

		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): 19 / 12 / 18	time (hh:mm:ss): 06 : 10 : 42	☐ KUM ☐ Precitel ☒ GARMIN
	☒ recording time (hh:mm:ss): 06 : 12 : 01	☒ kb recorded	☒ GPS-signal ok
Cylinder:	no.: 36		
	Operator: Bettina	☒ 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:	MHz
	no.:	Y10-052	☒ tested ☐ switched on	
Flash:	no.:	004-054	☒ tested ☐ switched on	☐ flag
Releaser:	code:	433 477	time-release: 23.1.2019 9:00	
	Enable / Disable:	417644 / 417667	☒ Klappertest	

483-042

Sensors:	hydrophone:	~~483~~	☐ OAS ☒ HTI ☐ DPG	
160 9-130	3-comp.:	~~483-042~~	☒ Owen (4.5Hz) ☐ LG ☐ Guralp ☐ Trillium	
	burning wire:	V	☐ Ausleger ☐ Eingespannt	
	pressure		Methane	
	Operator: FS		☒ all plugs fixed to cylinder	

Deployment

date (dd:mm:yy): 19/12/2018	time (hh:mm): 8:48	☒ UTC ☐ Local
coordinates:	latitude: 17 ° 15,95 '	☐ N ☒ S
	longitude: 174 ° 24.470 '	☐ E ☒ W
	water-depth: 2040 m	
Operator:		

Recovery

released:	date: 21/01/19	time: 08 : 46	☒ UTC ☐ Local
on surface:	date: 21/01/19	time: 09 : 13	
recovered:	date: 21/01/19	time: 10 : 10	
coordinates:	latitude: 17 ° 16,704 '	☐ N ☒ S	
	longitude: 174 ° 23,460 '	☐ E ☒ W	
	water-depth: m		
Operator: Michi & Betti			

Recorder End-Sync.:

date (dd:mm:yy): 21/01/19	time (hh:mm:ss): 10 :28 : 10	☐ KUM ☐ Precitel ☒ GARMIN
skew: 1,06 ms	file-size: 13.3 GB	☒ GPS-signal ok
battery: 10,8 V		

☐ errors

☒ no errors

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