OBH/OBS/OBT/OBM-Station-protocol

GEOMAR

Project	**ARCHIMEDES - SO267**			
profile(s):	*P05*	area:	Lau Basin	
station:	*obs503*	date:	*25.12.2018*	

Recorder

no.:	*011*	☐ MBS ☐ MLS ☐ MES ☐ MTS ☐ MCS ☐ Sercel ☐ 6D6		
frequency:	*250* Hz	☐ Capsum Int. & Acqu.		☒ Geolog
card(s):	a: 64 b: 64 GB	S/N: *b: 318838585*	☒ formatiert	*b: 4026603325*
battery:	☒ Mono-cells ☐ akku *11,8* V	no.:	pieces: *24*	

logging on b

	channel 1:	channel 2:	channel 3:	channel 4:
pre-amplifier/plug(s) etc.:				
gain:	1	16 *32*	16 *32*	16 *32*

leveling:		☐ not applicable	
Start-sync.: date (dd:mm:yy): *25/12/2018*	time (hh:mm:ss): *21:43:09*	☐ KUM ☐ Precitel ☒ GARMIN	
☒ recording time (hh:mm:ss): *21:45:36*	☒ kb recorded	☒ GPS-signal ok	
Cylinder: no.: *30*			
Operator: *FS & AD*	☐ two dry-packs inserted	☐ all screws fixed	

Frame

type:	☐ one-leg (OBH) ☒ Walze (Rollen) ☐ Walze (Würfel) ☐ Lobster
floatation:	*24* ☐ long anchor-cable extra weight: ☒ short ☐ long

Antenna:	channel:	☐ A ☐ B ☒ C ☐ D ☐ other	frequency:	MHz
	no.:	*Y02-026* ☒ tested ☒ switched on		
Flash:	no.:	*T07-084* ☒ tested ☒ switched on	☒ flag	
Releaser:	code:	*442205*	time-release: *23.01.2019 12:00 UTC*	
	Enable / Disable:	*440755 / 440776*	☒ Klappertest	

Sensors:	hydrophone:	*483041*	☐ OAS ☒ HTI ☐ DPG	
	3-comp.:	*A001-114*	☒ Owen (4.5Hz) ☐ LG ☐ Guralp ☐ Trillium	
	burning wire:	*V*	☐ Ausleger ☒ Eingespannt	
	pressure		Methane	
	Operator:	*Reg & Betti*	☒ all plugs fixed to cylinder	

Deployment

date (dd:mm:yy): *26/12/18*	time (hh:mm): *13:07*	☒ UTC ☐ Local		
coordinates:	latitude:	*18* ° *12,001* ′	☐ N ☒ S	
	longitude:	*176* ° *02,936* ′	☐ E ☒ W	
	water-depth:	*2763* m		
Operator: *Betti*				

Recovery

released:	date: *30/12/2018*	time: *20:18*	☒ UTC ☐ Local	
on surface:	date: / /	time: *20:56*		
recovered:	date: / /	time: *21:09*		
coordinates:	latitude: *18* ° *12,260* ′	☐ N ☒ S		
	longitude: *176* ° *2,898* ′	☐ E ☒ W		
	water-depth: m			
Operator: *FS*		*21:29:00*		

Recorder End-Sync.:

date (dd:mm:yy): *30/12/2018*	time (hh:mm:ss): *20:18:*	☐ KUM ☐ Precitel ☒ GARMIN		
skew: *-0.24* ms	file-size: *8630 Kb*	☒ GPS-signal ok		
battery: *11,0* V				

☐ errors	
☒ no errors	
Operator: *FS*	☐ recorder- and ☐ releaser-diaries updated