

Pump Cast: Station 32 Deep Cast

Pump ID	Flow S/N	Prev. End	Start (l)	End (l)	Calc. Diff
1	19008653	61237.8	61237.7	62114.9	877.2
	21973472	13431.6	Not re-read	13703.8	272.2
	19008655	90164.2	Not re-read	91463.7	1299.5
2	19008629	100398.0	100398.0	101543.5	1145.5
	19008630	40954.1	40954.2	41353.5	399.3
	19008631	141204.7	141204.7	142751.4	1546.7
3	19008656	115929.7	115929.8	116912.8	983.0
	19008657	55716.1	55716.1	56050.2	334.1
	19008658	180822.2	180822.2	182131.6	1309.4
4	19008638	65088.6	65088.6	66224.1	1135.5
	19008639	40649.5	40649.5	41049.6	400.1
	19008640	107128.5	107128.5	108676.8	1548.3
5	20007741	81826.4	81826.4	82963.8	1137.4
	20007742	55066.4	55066.4	55491.9	425.5
	20007743	138382.2	138382.2	139939.5	1557.3
6	20008125	55071.9	55071.8	56117.6	1045.8
	20008126	43241.2	43241.2	43649.9	408.7
	20008127	99603.5	99603.4	101109.0	1505.6
7	20008095	43151.9	43151.9	43987.8	835.9
	20008096	24676.1	24676.1	24952.7	276.6
	20008097	67386.0	67386.0	68500.2	1114.2
8	20007747	58545.8	58545.8	59522.5	976.7
	20007748	25716.6	25716.6	26071.5	354.9
	20007749	92382.2	92382.2	93722.8	1340.6
9					
10					
11					
12					

Dates Y/M/D and times in local time (and GMT)

GMT=LCL+ 9

Date 2013/12/12

Event 4418

Station 32

Cast 8

Water depth 4940m

Delay duration 02:30:00

Pump duration 04:00:00

Trigger time 01:42 (10:42)

Pumps on 04:12 (13:12)

Pumps off 08:12 (17:12)

CTD/first pump in water 01:41 (10:41)

Last pump in water 03:20 (12:20)

Time at target depth 03:50 (12:50)

Water below pinger No pinger.

Messenger drop 06:15 (15:15)

Recovery begins 08:15 (17:15)

All aboard 10:16 (19:16)

Post deployment download information

Pump ID	Nisk	Nom depth	GT#	Low (rest) voltage	Error msg	Vol pumped (l)
CTD		4030	NA			
1	1	4000	9971	24.0 (30.6)	Changed batt.	1551
2	2	3500	9972	26.9 (32.7)		1647
3	3	3000	9973	23.5 (30.6)	Changed batt.	1449
4	4	2800	9974	27.9 (33.3)		1647
5	5	2650	9975	26.9 (32.2)		1647
6	6	2550	9976	23.4 (30.3)	Changed batt.	1540
7	7	2200	9977	24.2 (37.8)	Sudden press release after 3:04	1107
8	8	1250	9978	23.3 (30.1)	Changed batt.	

Notes

CTD to be deployed, despite deep cast. Also deployed on ODF-deep.
 MAPRs on Pump 8 and Pump 1. DBs on Pump 1.
 Pump #7 sudden pressure release