

Pump Cast: Station 17 Deep

Pump ID	Flow S/N	Prev. End	Start (l)	End (l)	Calc. Diff
1	19008653	41370.2	41370.1	42376.7	1006.6
	21973472	6922.3	6922.3	7271.5	349.2
	19008655	63397.4	63397.3	64765.0	1367.7
2	19008629	77357.3	77357.3	78532.9	1175.6
	19008630	32436.5	32436.4	32835.5	399.1
	19008631	109356.0	109356.1	110925.6	1569.5
3	19008656	94706.0	94706.0	95874.8	1168.8
	19008657	47496.0	47496.0	47912.5	416.5
	19008658	150552.0	150552.0	152125.0	1573.0
4	19008638	44293.2	44293.3	45457.1	1163.8
	19008639	33071.0	33070.9	33488.2	417.3
	19008640	78525.0	78525.1	80111.4	1586.3
5	20007741	59593.9	59593.9	60716.9	1123.0
	20007742	45788.5	45788.5	46233.1	444.6
	20007743	106413.2	106413.4	107972.1	1558.7
6	20008125	33745.9	33745.9	34968.6	1222.7
	20008126	32764.3	32764.5	33192.0	427.5
	20008127	67614.1	67614.0	69260.2	1646.2
7	20007747	38456.1	38456.1	39489.5	1033.4
	20007748	17598.7	17598.8	17962.5	363.7
	20007749	64060.1	64060.4	65467.3	1406.9
8	20007750	80655.7	80655.7	81820.5	1164.8
	20008101	48364.8	48364.8	48767.0	402.2
	20008102	137569.2	137569.4	139143.0	1573.6
9					
10					
11					
12					

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

GMT=LCL+ 7

Date 2013/11/19

Event 4221

Station 17

Cast 7

Water depth 3705m

Delay duration 02:30:00

Pump duration 04:00:00

Trigger time 06:36 (13:36)

Pumps on 09:06 (16:06)

Pumps off 13:06 (20:06)

CTD/first pump in water 06:37 (13:37)

Last pump in water 08:14 (15:14)

Time at target depth 08:33 (15:33)

Water below pinger -8.9m

Messenger drop 11:06 (18:06)

Recovery begins 13:10 (20:10)

All aboard 15:14 (22:14)

Notes
 No MAPRs. DBs on Pump 2.
 Battery changed on Pump #7

Post deployment download information						
Pump ID	Nisk	Nom depth	GT#	Low (rest) voltage	Error msg	Vol pumped (l)
CTD		3690	NA			
1	1	3670	8347	26.0 (31.8)		1642
2	2	3000	8348	29.0 (33.6)		1647
3	3	2700	8349	25.0 (31.4)		1643
4	4	2600	8350	27.1 (32.2)		1647
5	5	2500	8351	26.7 (31.7)		1647
6	6	2400	8352	30.4 (34.5)		1647
7	7	2000	8353	24.2 (31.0)	batt changed.	1484
8	8	750	8354	26.5 (32.8)		1617