

Pump Cast: Station 17 Shallow

Pump ID	Flow S/N	Prev. End	Start (l)	End (l)	Calc. Diff
1	19008653	40300.5	40300.5	41370.2	1069.7
	21973472	6542.0	6542.1	6922.3	380.2
	19008655	61951.0	61951.4	63397.4	1446.0
2	19008629	76160.2	76160.3	77357.3	1197.0
	19008630	31966.8	31966.9	32436.5	469.6
	19008631	107692.5	107692.9	109356.0	1663.1
3	19008656	93558.5	93558.3	94706.0	1147.7
	19008657	47010.1	47010.2	47496.0	485.8
	19008658	148929.9	148930.2	150552.0	1621.8
4	19008638	43126.0	43126.0	44293.2	1167.2
	19008639	32582.0	32582.0	33071.0	489.0
	19008640	76860.5	76860.5	78525.0	1664.5
5	20007741	58593.2	58593.1	59593.9	1000.8
	20007742	45126.1	45126.1	45788.5	662.4
	20007743	104750.0	104750.0	106413.2	1663.2
6	20008125	32698.9	32698.9	33745.9	1047.0
	20008126	32243.3	32243.3	32764.3	521.0
	20008127	66047.3	66047.3	67614.1	1566.8
7	20007747	37661.5	37661.5	38456.1	794.6
	20007748	17250.9	17250.9	17598.7	347.8
	20007749	62916.3	62916.4	64060.1	1143.7
8	20007750	79801.5	79801.5	80655.7	854.2
	20008101	47984.5	47984.5	48364.8	380.3
	20008102	136329.0	136329.4	137569.2	1239.8
9					
10					
11					
12					

Dates Y/M/D and times in local time (and GMT)
 GMT=LCL+ 7
 Date 2013/11/18 to 19
 Event 4216
 Station 17
 Cast 3
 Water depth 3705m
 Delay duration 01:10:00
 Pump duration 04:00:00
 Trigger time 19:02 (02:02)
 Pumps on 20:12 (03:12)
 Pumps off 00:12 (07:12)
 CTD/first pump in water 19:02 (02:02)
 Last pump in water 19:54 (02:54)
 Time at target depth 19:56 (02:56)
 Water below pinger No ping.
 Messenger drop No mess.
 Recovery begins 00:15 (07:15)
 All aboard 01:03 (08:03)

Post deployment download information

Pump ID	Nisk	Nom depth	GT#	Low (rest) voltage	Error msg	Vol pumped (l)
CTD		1270	NA			
1		1250	8290	27.1 (31.8)		1647
2		500	8291	32.0 (34.5)		1647
3		350	8292	27.8 (31.6)		1647
4		250	8293	29.5 (32.9)		1647
5		175	8294	29.1 (32.2)		1647
6		80	8295	25.2 (31.0)	batt changed.	1582
7		50	8296	26.9 (31.6)		1412
8		20	8297	29.9 (33.7)		1448

Notes
 No MAPRs deployed. DBs on Pump 3.
 Five hour turnaround to next pump cast.
 Pre-programmed deep pumps for 2:30:00 delay
 Changed battery pump #6