

.Pump Cast: Station 13 Deep

Pump ID	Flow S/N	Prev. End	Start (l)	End (l)	Calc. Diff
1	19008653	36892.8	36892.7	38219.0	1326.3
	21973472	5671.5	5671.5	5808.7	137.2
	19008655	57657.0	57657.0	59121.3	1464.3
2	19008629	72736.9	72736.9	73872.4	1135.5
	19008630	30741.1	30741.0	31138.7	397.7
	19008631	103056.6	103056.6	104585.4	1528.8
3	19008656	90126.1	90126.1	91263.4	1137.3
	19008657	45678.6	45678.7	46103.0	424.3
	19008658	144198.7	144198.7	145749.6	1550.9
4	19008638	39698.6	39698.6	40785.9	1087.3
	19008639	31331.8	31331.7	31715.6	383.9
	19008640	72162.6	72162.7	73638.6	1475.9
5	20007741	55526.9	55527.0	56562.6	1035.6
	20007742	43431.1	43431.1	43927.4	496.3
	20007743	100004.8	100004.6	101529.7	1525.1
6	20008125	29145.3	29145.3	30359.8	1214.5
	20008126	30835.7	30835.7	31259.4	423.7
	20008127	61093.2	61093.2	62728.1	1634.9
7	20007747	34473.2	34473.2	35608.0	1134.8
	20007748	15967.1	15967.1	16369.8	402.7
	20007749	58434.5	58434.6	59981.3	1546.7
8	20007750	76789.4	76789.2	77907.1	1117.9
	20008101	46813.5	46813.9	47190.4	376.5
	20008102	132101.6	132101.5	133601.9	1500.4
9					
10					
11					
12					

Dates Y/M/D and times in local time (and GMT)
 GMT=LCL+ 7
 Date 2013/11/14
 Event 4175
 Station 13
 Cast 8
 Water depth 3850m
 Delay duration 02:35:00
 Pump duration 04:00:00
 Trigger time 08:33 (15:33)
 Pumps on 11:08 (18:08)
 Pumps off 15:08 (22:08)
 CTD/first pump in water 08:32 (15:32)
 Last pump in water 10:15 (17:15)
 Time at target depth 10:50 (17:50)
 Water below pinger 6-8 m
 Messenger drop 13:08 (20:08)
 Recovery begins 15:10 (22:10)
 All aboard 17:04 (00:04)

Notes

Pump #1 QMA side not attached to pump.
 Change battery pump #4.
 Final wire out: 3835m

Post deployment download information

Pump ID	Nisk	Nom depth	GT#	Low (rest) voltage	Error msg	Vol pumped (l)
CTD		3835	NA			
1	1	3820	3839	31.6 (34.8)		1647
2	2	3750	3840	25.8 (31.3)		1640
3	3	3700	3841	28.4 (33.1)		1647
4	4	3400	3842	24.2 (29.7)	batt changed	1559
5	5	3000	3843	29.5 (33.5)		1647
6	6	2400	3844	26.0 (32.2)		1647
7	7	1800	3845	27.3 (33.2)		1647
8	8	900	3846	24.7 (30.9)		1487