

Pump Cast: Station 21 Shallow Cast

Pump ID	Flow S/N	Prev. End	Start (l)	End (l)	Calc. Diff
1	19008653	46813.9	46813.8	47894.7	1080.9
	21973472	8699.0	8699.0	9051.4	352.4
	19008655	70663.2	70663.2	72096.4	1433.2
2	19008629	84435.8	84435.7	85608.4	1172.7
	19008630	34832.4	34832.5	35262.1	429.6
	19008631	118856.7	118856.7	120459.5	1602.8
3	19008656	101327.1	101327.1	102419.8	1092.7
	19008657	49852.0	49852.9	50271.0	418.1
	19008658	159503.7	159503.7	161009.4	1505.7
4	19008638	51323.8	51323.9	52484.8	1160.9
	19008639	35462.8	35462.9	35940.6	477.7
	19008640	88044.1	88044.1	89697.0	1652.9
5	20007741	66146.4	66146.4	67257.0	1110.6
	20007742	48818.3	48818.4	49326.9	508.5
	20007743	115995.5	115995.4	117649.2	1653.8
6	20008125	40022.7	40022.8	40483.5	460.7
	20008126	36279.5	36279.5	37007.0	727.5
	20008127	77437.5	77437.5	78632.1	1194.6
7	20007747	44847.7	44847.9	45679.0	831.1
	20007748	19907.1	19907.2	20314.4	407.2
	20007749	72821.5	72821.4	74064.2	1242.8
8	20007744	49859.8	49859.7	50766.2	906.5
	20007745	26735.0	26735.1	27174.6	439.5
	20007746	84763.8	84764.0	86113.2	1349.2
9					
10					
11					
12					

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

GMT=LCL+ 7

Date 2013/11/25 to 26

Event 4274

Station 21

Cast 3

Water depth 3264m

Delay duration 01:15:00

Pump duration 04:00:00

Trigger time 19:13 (02:13)

Pumps on 20:28 (03:28)

Pumps off 00:28 (07:28)

CTD/first pump in water 19:12 (02:12)

Last pump in water 20:01 (03:01)

Time at target depth 20:02 (03:02)

Water below pinger No pinger.

Messenger drop No messenger

Recovery begins 00:32 (07:32)

All aboard 01:20 (08:20)

Post deployment download information

Pump ID	Nisk	Nom depth	GT#	Low (rest) voltage	Error msg	Vol pumped (l)
CTD		1270	NA			
1		1250	8822	27.9 (33.1)		
2		450	8823	25.9 (30.9)		
3		360	8824	26.1 (31.9)		
4		225	8825	32.6 (34.9)		
5		150	8826	31 (34.2)		
6		90	8827	29.7 (34.4)		
7		60	8828	26.7 (31.7)		
8		20	8829	31 (35)		

Notes
 Full station with barely notable HT signal at 2450m
 MAPRs not deployed on shallow cast.
 DBs on Pump 3

 Pump 6 mistakenly deployed with MF filter above QMA prefilter.