

### Pump Cast: Station 25 Shallow Cast

Pump ID	Flow S/N	Prev. End	Start (l)	End (l)	Calc. Diff
1	19008653	50997.3	50997.1	52082.5	1085.4
	21973472	10082.1	10082.0	10439.6	357.6
	19008655	76248.6	76248.4	77693.9	1445.5
2	19008629	88584.2	88584.2	89797.5	1213.3
	19008630	36895.4	36895.4	37322.5	427.1
	19008631	125330.2	125330.1	126971.7	1641.6
3	19008656	105673.3	105673.2	106831.5	1158.3
	19008657	51472.3	51472.4	51918.6	446.2
	19008658	165441.4	165441.5	167039.0	1597.5
4	19008638	55885.3	55885.3	57043.0	1157.7
	19008639	37283.1	37283.1	37773.3	490.2
	19008640	94476.8	94476.8	96136.4	1659.6
5	20007741	70609.7	70609.6	71700.4	1090.8
	20007742	50724.6	50724.2	51237.4	513.2
	20007743	122402.0	122402.0	124011.1	1609.1
6	20008125	43905.3	43905.2	44905.4	1000.2
	20008126	38424.5	38424.5	38899.4	474.9
	20008127	83474.2	83474.3	84953.3	1479.0
7	20007747	48729.5	48729.5	49649.1	919.6
	20007748	21535.6	21535.6	21990.6	455.0
	20007749	78344.8	78344.8	79724.0	1379.2
8	20007744	53285.2	53285.3	54224.0	938.7
	20007745	28066.5	28066.5	28506.6	440.1
	20007746	89520.0	89520.5	90898.5	1378.0
9					
10					
11					
12					

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

GMT=LCL+ 8  
 Date 2013/11/30 to 12/1

Event 4315

Station 25

Cast 3

Water depth 3934m

Delay duration 01:10:00

Pump duration 04:00:00

Trigger time 19:47 (03:47)

Pumps on 20:57 (04:57)

Pumps off 00:57 (08:57)

CTD/first pump in water 19:47 (03:47)

Last pump in water 20:41 (04:41)

Time at target depth 20:41 (04:41)

Water below pinger No pinger.

Messenger drop No messenger

Recovery begins 01:00 (09:00)

All aboard 01:47 (09:47)

**Notes**

MAPRs not deployed on shallow cast. DBs on Pump 3.  
 All pumps programmed for deep cast. 2:30 trigger delay.

Post deployment download information						
Pump ID	Nisk	Nom depth	GT#	Low (rest) voltage	Error msg	Vol pumped (l)
CTD		1270	NA			
1		1250	9181	26.0(30.6)		1647
2		500	9182	29.0(32.7)		1647
3		350	9183	28.1(32.1)		1647
4		200	9184	29.0(32.1)		1647
5		150	9185	28.1(31.7)		1647
6		85	9186	26.0(31.3)		1592
7		60	9187	28.2(32.9)		1631
8		20	9188	28.3(32.5)		1571