

### Pump Cast: Super Station 26 Shallow Cast

Pump ID	Flow S/N	Prev. End	Start (l)	End (l)	Calc. Diff
1	19008653	54014.2	54014.2	55050.3	1036.1
	21973472	11055.6	11055.6	11480.6	425.0
	19008655	80321.8	80321.8	81797.8	1476.0
2	19008629	92091.9	92091.9	93226.5	1134.6
	19008630	38064.7	38064.7	38569.8	505.1
	19008631	130006.9	130006.7	131646.4	1639.7
3	19008656	108845.6	108845.6	109958.3	1112.7
	19008657	52576.9	52577.0	53079.7	502.7
	19008658	169696.3	169696.3	171308.8	1612.5
4	19008638	59290.8	59291.0	60428.3	1137.3
	19008639	38558.1	38558.0	39055.9	497.9
	19008640	99190.3	99190.8	100839.8	1649.0
5	20007741	73973.3	73973.3	75035.1	1061.8
	20007742	52070.2	52070.1	52584.5	514.4
	20007743	127107.4	127107.4	128691.8	1584.4
6	20008125	47246.7	47246.7	48326.5	1079.8
	20008126	39747.8	39747.8	40250.5	502.7
	20008127	88141.7	88141.6	89728.6	1587.0
7	20007747	51784.8	51784.8	52736.8	952.0
	20007748	22726.1	22726.0	23138.8	412.8
	20007749	82591.9	82591.9	83963.1	1371.2
8	20007744	56581.1	56581.1	56644.8	63.7
	20007745	29275.6	29275.6	29297.7	22.1
	20007746	94021.6	94021.7	94100.3	78.6
9					
10					
11					
12					

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

GMT=LCL+ 8

Date 12/03/2013 to 04

Event 4340

Station 26

Cast 9

Water depth 3982m

Delay duration 01:00:00

Pump duration 04:00:00

Trigger time 13:18 (21:18)

Pumps on 14:18 (22:18)

Pumps off 18:18 (02:18)

CTD/first pump in water 13:18 (21:18)

Last pump in water 13:59 (21:59)

Time at target depth 14:00 (22:00)

Water below pinger No pinger.

Messenger drop No msgr.

Recovery begins 18:22 (02:22)

All aboard 19:08 (03:08)

**Notes**

No MAPRs on shallow cast. DBs on Pump 2.  
 Pumps pre-programmed for mid cast: 2:15:00 trigger delay

Pump 8: sudden flow obstruction. Pump head cleaned.  
 Move to position 7 (pump 7) before next cast, just in case.

Post deployment download information						
Pump ID	Nisk	Nom depth	GT#	Low (rest) voltage	Error msg	Vol pumped (l)
CTD		900	NA			
1		550	9385	29.7 (33.6)		
2		250	9386	28.2 (31.7)		
3		200	9387	32.4 (34.7)		
4		140	9388	27.7 (31.1)		
5		100	9389	26.6 (30.9)		
6		80	9390	28.9 (33.8)		
7		45	9391	30.7 (34.8)		
8		20	9392	28.8	sudden flow obstruction	