

Pump Cast: Station 30 Shallow Cast

Pump ID	Flow S/N	Prev. End	Start (l)	End (l)	Calc. Diff
1	19008653	58197.0	58197.0	59241.3	1044.3
	21973472	12413.0	12413.1	12750.0	336.9
	19008655	86020.3	86020.4	87420.4	1400.0
2	19008629	96818.5	96818.5	98038.3	1219.8
	19008630	39729.9	39730.0	40148.4	418.4
	19008631	136400.0	136400.0	138039.7	1639.7
3	19008656	113460.5	113460.6	113616.3	155.7
	19008657	54372.9	54372.9	54876.3	503.4
	19008658	176082.0	176082.1	177680.8	1598.7
4	19008638	62726.4	62726.5	62770.3	43.8
	19008639	39821.5	39821.6	39836.6	15.0
	19008640	103921.6	103921.7	103973.5	51.8
5	20007741	78464.2	78464.3	79612.8	1148.5
	20007742	53563.1	53563.1	54076.2	513.1
	20007743	133503.3	133503.4	135178.9	1675.5
6	20008125	51824.9	51824.9	52911.7	1086.8
	20008126	41664.4	41664.5	42241.4	576.9
	20008127	94650.1	94650.2	96348.4	1698.2
7	20008095	39952.6	39952.7	40998.1	1045.4
	20008096	23180.0	23180.1	23713.8	533.7
	20008097	62667.0	62667.6	64256.7	1589.1
8	20007747	55731.1	55731.2	56688.9	957.7
	20007748	24413.9	24414.0	24834.0	420.0
	20007749	88246.9	88246.9	89630.6	1383.7
9					
10					
11					
12					

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

GMT=LCL+ 9

Date 2013/12/08

Event 4390

Station 30

Cast 3

Water depth 4065m

Delay duration 01:20:00

Pump duration 04:00:00

Trigger time 06:45 (15:45)

Pumps on 08:05 (17:05)

Pumps off 12:05 (21:05)

CTD/first pump in water 06:43 (15:43)

Last pump in water 07:36 (16:36)

Time at target depth 07:37 (16:37)

Water below pinger No pinger.

Messenger drop No msgr.

Recovery begins 12:10 (21:10)

All aboard 13:09 (22:09)

Post deployment download information

Pump ID	Nisk	Nom depth	GT#	Low (rest) voltage	Error msg	Vol pumped (l)
CTD		1530	NA			
1		1500	9770	26.1 (31.1)		1645
2		710	9771	31.3 (34.5)		1647
3		460	9772	26.6 (31.4)		1647
4		360	9773	36.2 (37.7)	Sudden press release	53
5		200	9774	30.3 (33.4)		1647
6		155	9775	28 (31.6)		1647
7		85	9776	29.3 (34.2)		1637
8		30	9777	27.3 (32.0)		

Notes

No MAPRs on shallow cast. DBs on Pump 4.

Previous cast's Pump 9 now Pump 7 because of 7's starting flow prob.

Pump 3: heads reversed.

Pump 4: sudden pressure release.