

Pump Cast: Super Station 36 Deep Cast

Pump ID	Flow S/N	Prev. End	Start (l)	End (l)	Calc. Diff
1	19008653	63225.6	63225.5	64213.5	988.0
	21973472	13954.5	13954.5	14254.9	300.4
	19008655	92834.0	92835.0	94162.8	1328.8
2	19008629	102720.0	102720.0	103862.0	1142.0
	19008630	41755.5	41755.4	42113.0	357.6
	19008631	144329.1	144329.1	145830.8	1501.7
3	19008656	118170.0	118170.0	119344.1	1174.1
	19008657	56358.9	56358.8	56741.5	382.7
	19008658	183691.6	183691.6	185242.3	1550.7
4	19008638	67388.4	67388.4	68544.5	1156.1
	19008639	41457.6	41457.6	41822.5	364.9
	19008640	110260.8	110260.7	111794.1	1533.4
5	20007741	84127.7	84127.6	85241.6	1114.0
	20007742	55984.3	55984.3	56378.7	394.4
	20007743	141597.0	141597.0	143099.0	1502.0
6	20008125	57213.4	57213.4	58351.0	1137.6
	20008126	44229.5	44229.5	44678.5	449.0
	20008127	102808.2	102808.2	104393.8	1585.6
7	20008095	44940.4	44940.5	46069.0	1128.5
	20008096	25439.5	25439.5	25808.1	368.6
	20008097	69952.1	69952.1	71452.3	1500.2
8	20007747	60449.7	60449.8	61523.6	1073.8
	20007748	26542.6	26542.6	26929.9	387.3
	20007749	95137.3	95137.5	96614.5	1477.0
9					
10					
11					
12					

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

GMT=LCL+ 10

Date 2013/12/15 to 16

Event 4460

Station 36

Cast 3

Water depth 5136m

Delay duration 02:30:00

Pump duration 04:00:00

Trigger time 21:08 (07:08)

Pumps on 23:38 (09:38)

Pumps off 03:38 (13:38)

CTD/first pump in water 21:08 (07:08)

Last pump in water 22:18 (08:18)

Time at target depth 23:14 (09:14)

Water below pinger No pinger.

Messenger drop 01:45 (11:45)

Recovery begins 03:45 (13:45)

All aboard 05:44 (15:44)

Post deployment download information

Pump ID	Nisk	Nom depth	GT#	Low (rest) voltage	Error msg	Vol pumped (l)
CTD		4050	NA			
1	1	4000	10294	29.1 (33.5)		1647
2	2	3500	10295	25.9 (31.2)		1643
3	3	3000	10296	28.9 (33.2)		1647
4	4	2800	10297	26.7 (31.5)		1647
5	5	2700	10298	25.5 (30.7)		1641
6	6	2600	10299	28.6 (33.3)		1647
7	7	2500	10300	25.5 (31.9)		1503
8	8	2400	10301	27.8 (33.4)		1647

Notes

CTD to be deployed, despite deep cast. Also deployed on ODF-deep. MAPRs on Pump 8 and Pump 1. DBs on Pump 1.

Pumps pre-programmed for shallow cast: 1:15:00 delay