

Pump Cast: SUPER Station 11 Mid

Pump ID	Flow S/N	Prev. End	Start (l)	End (l)	Calc. Diff
1	19008653	32617.2	32617.4	33711.5	1094.1
	21973472	4281.0	4281.0	4613.1	332.1
	19008655	51990.0	51990.0	53411.4	1421.4
2	19008629	68088.3	68088.6	69257.1	1168.5
	19008630	29063.5	29063.6	29442.8	379.2
	19008631	96669.3	96669.6	98293.5	1623.9
3	19008656	86025.0	86025.0	86569.2	544.2
	19008657	44379.1	44379.1	44524.0	144.9
	19008658	137773.9	137774.2	139512.2	1738.0
4	19008638	35025.9	35025.9	36254.5	1228.6
	19008639	29599.9	29599.9	30003.3	403.4
	19008640	65715.4	65716.2	67366.4	1650.2
5	20007741	51981.9	51981.8	53138.3	1156.5
	20007742	40504.5	40504.3	40998.7	494.4
	20007743	93541.1	93541.2	95189.0	1647.8
6	20008125	25202.8	25202.6	26504.7	1302.1
	20008126	28085.3	28085.3	28538.9	453.6
	20008127	54410.1	54410.2	56163.1	1752.9
7	20007747	30387.3	30387.6	31575.9	1188.3
	20007748	14334.1	14334.2	14739.4	405.2
	20007749	52713.7	52713.8	54306.1	1592.3
8	20007750	73053.1	73053.8	74318.3	1264.5
	20008101	45365.0	45365.2	45811.4	446.2
	20008102	126905.9	126905.9	128620.8	1714.9
9					
10					
11					
12					

GMT=LCL+ 6

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

Date 2013/11/10 (to 2013/11/11)

Event 4138

Station 11

Cast 3

Water depth 3650m

Delay duration 01:40:00

Pump duration 04:00:00

Trigger time 17:16 (23:16)

Pumps on 18:56 (00:56)

Pumps off 22:56 (04:56)

CTD/first pump in water 17:20 (23:20)

Last pump in water 18:28 (00:28)

Time at target depth 18:35 (00:35)

Water below pinger Pinger not used.

Messenger drop 20:55 (02:55)

Recovery begins 23:05 (05:05)

All aboard 00:18 (06:18)

Post deployment download information

Pump ID	Nisk	Nom depth	GT#	Low (rest) voltage	Error msg	Vol pumped (l)
CTD		2020	NA			
1	1	2000	3532	26.6 (31.7)		1647
2	2	1500	3533	31.1 (34.3)		1647
3	3	1250	3534	27.5 (31.3)		1647
4	4	1000	3535	26.9 (31.4)		1647
5	5	800	3536	26.9 (31.2)		1647
6	6	600	3537	26.0 (31.0)		1647
7	7	400	3538	26.8 (31.8)		1629
8	8	260	3539	28.5 (33.5)		1647

Notes

MAPRs on pumps 1, 4, and 6. DBs on Pump 1
 Pump 5 comm cable removed during triggering. Re-programmed with delay (countdown) to fire at (00:58 GMT) to be sure.
 Final wire out: 2020m

After cast: download all CTD and MAPR data. Change CTD batts. Change pump batteries as needed. Pre-program while downloading mid cast data?