

Pump Cast: Station 23 Shallow Cast

Pump ID	Flow S/N	Prev. End	Start (l)	End (l)	Calc. Diff
1	19008653	48916.6	Not re-read	49992.4	1075.8
	21973472	9389.2	Not re-read	9751.7	362.5
	19008655	73460.4	Not re-read	74898.6	1438.2
2	19008629	86235.0	Not re-read	87435.5	1200.5
	19008630	36056.2	Not re-read	36504.5	448.3
	19008631	122139.3	Not re-read	123790.3	1651.0
3	19008656	103459.7	Not re-read	104545.0	1085.3
	19008657	50635.9	Not re-read	51074.9	439.0
	19008658	162405.8	Not re-read	163923.5	1517.7
4	19008638	53547.5	Not re-read	54716.0	1168.5
	19008639	36414.6	Not re-read	36903.5	488.9
	19008640	91246.5	Not re-read	92916.3	1669.8
5	20007741	68408.8	Not re-read	69473.0	1064.2
	20007742	49762.3	Not re-read	50308.5	546.2
	20007743	119231.4	Not re-read	120853.7	1622.3
6	20008125	41681.3	Not re-read	42717.6	1036.3
	20008126	37443.8	Not re-read	37982.1	538.3
	20008127	80266.4	Not re-read	81845.3	1578.9
7	20007747	46679.7	Not re-read	47617.2	937.5
	20007748	20667.0	Not re-read	21141.0	474.0
	20007749	75420.9	Not re-read	76837.3	1416.4
8	20007744	51964.0	Not re-read	52076.2	112.2
	20007745	27601.9	Not re-read	27649.7	47.8
	20007746	87738.0	Not re-read	87894.3	156.3
9					
10					
11					
12					

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

GMT=LCL+ 8

Date 2013/11/28 (gobble!)

Event 4295

Station 23

Cast 3

Water depth 3411

Delay duration 01:15:00

Pump duration 04:00:00

Trigger time 04:58 (12:58)

Pumps on 06:13 (14:13)

Pumps off 10:13 (18:13)

CTD/first pump in water 06:57 (14:57)

Last pump in water 05:54 (13:54)

Time at target depth 05:55 (13:55)

Water below pinger No pinger.

Messenger drop No messenger

Recovery begins 10:15 (18:15)

All aboard 11:08 (19:08)

Post deployment download information

Pump ID	Nisk	Nom depth	GT#	Low (rest) voltage	Error msg	Vol pumped (l)
CTD		1520	NA			
1		1500	9003	27 (31.6)		1647
2		500	9004	32.1 (34.6)		1647
3		350	9005	29.4 (33.7)		1647
4		230	9006	29.9 (33.1)		1647
5		120	9007	29.3 (32.8)		1647
6		75	9008	27.9 (32.6)		1647
7		50	9009	30.9 (34.7)		1647
8		20	9010	31.1 (34.8)	sudden press. release	156

Notes

MAPRs not deployed on shallow cast. DBs on Pump 2 in tupperware.

Flowmeters not re-read prior to deployment. Volumes calc'd using prev reading.

Pump 8: sudden pressure release. Ran manual test forward: OK.

Cleaned pump terminals.

All pumps programmed for deep cast: 02:20:00 trigger delay