

Pump Cast: Station 25 Deep Cast

Pump ID	Flow S/N	Prev. End	Start (l)	End (l)	Calc. Diff
1	19008653	52082.5	Not re-read	53057.9	975.4
	21973472	10439.6	Not re-read	10743.9	304.3
	19008655	77693.9	Not re-read	79002.8	1308.9
2	19008629	89797.5	Not re-read	90946.6	1149.1
	19008630	37322.5	Not re-read	37696.2	373.7
	19008631	126971.7	Not re-read	128493.5	1521.8
3	19008656	106831.5	Not re-read	107863.6	1032.1
	19008657	51918.6	Not re-read	52247.5	328.9
	19008658	167039.0	Not re-read	168393.2	1354.2
4	19008638	57043.0	Not re-read	58164.2	1121.2
	19008639	37773.3	Not re-read	38160.7	387.4
	19008640	96136.4	Not re-read	97656.3	1519.9
5	20007741	71700.4	Not re-read	72838.3	1137.9
	20007742	51237.4	Not re-read	51658.5	421.1
	20007743	124011.1	Not re-read	125565.6	1554.5
6	20008125	44905.4	Not re-read	46059.3	1153.9
	20008126	38899.4	Not re-read	39322.5	423.1
	20008127	84953.3	Not re-read	86529.2	1575.9
7	20007747	49649.1	Not re-read	50738.8	1089.7
	20007748	21990.6	Not re-read	22348.5	357.9
	20007749	79724.0	Not re-read	81171.1	1447.1
8	20007744	54224.0	Not re-read	55429.5	1205.5
	20007745	28506.6	Not re-read	28893.7	387.1
	20007746	90898.5	Not re-read	92490.0	1591.5
9					
10					
11					
12					

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

GMT=LCL+ 8

Date 2013/12/01

Event 4323

Station 25

Cast 7

Water depth 3934m

Delay duration 02:30:00

Pump duration 04:00:00

Trigger time 07:59 (15:59)

Pumps on 10:29 (18:29)

Pumps off 14:29 (22:29)

CTD/first pump in water 08:05 (16:05)

Last pump in water 09:42 (17:42)

Time at target depth 10:07 (18:07)

Water below pinger 9m at start; 33m at end.

Messenger drop 12:29 (20:29)

Recovery begins 14:37 (22:37)

All aboard 16:35 (00:35)

Notes

CTD not deployed on deep cast (instead, deployed on ODF deep cast)
 Coil used for deep deployment, with two pumps on "bad wire":
 Pump 1 included pinger and MAPR-61, and Pump 2
 Pump 8: MAPR-63.
 Coil to be broken open and spooled up onto winch before cast begins.
 Bottle 3 hung at 363m payout (above damaged section) with long lanyard to bypass damaged portion.

Battery changed: pump 1 & 6.
 Final actual wire out: 3909m

Post deployment download information						
Pump ID	Nisk	Nom depth	GT#	Low (rest) voltage	Error msg	Vol pumped (l)
CTD			NA			
1	1	3920	9251	24.8(31.8)	change bat.	1589
2	2	3750	9252	26.7(33.5)		1647
3	9	3000	9253	25.1(32.7)		1528
4	4	2650	9254	26.1(32.5)		1647
5	5	2550	9255	25.7(32.1)		1647
6	6	2400	9256	24.6(31.8)	change bat.	1589
7	7	2000	9257	25.9(33.1)		1589
8	8	1000	9258	26.6(32.8)		1614