

Pump Cast: Super Station 26 Mid Cast

Pump ID	Flow S/N	Prev. End	Start (l)	End (l)	Calc. Diff
1	19008653	55050.3	55050.3	56131.2	1080.9
	21973472	11480.6	11480.5	11783.5	303.0
	19008655	81797.8	81797.8	83211.0	1413.2
2	19008629	93226.5	93226.6	94486.4	1259.8
	19008630	38569.8	38569.8	38923.4	353.6
	19008631	131646.4	131646.5	133261.0	1614.5
3	19008656	109958.3	109958.4	111172.5	1214.1
	19008657	53079.7	53079.7	53471.7	392.0
	19008658	171308.8	171308.8	172906.1	1597.3
4	19008638	60428.3	60428.2	61643.8	1215.6
	19008639	39055.9	39056.0	39438.9	382.9
	19008640	100839.8	100839.8	102452.9	1613.1
5	20007741	75035.1	75035.0	76236.9	1201.9
	20007742	52584.5	52584.5	52584.5	0.0
	20007743	128691.8	128691.7	130300.9	1609.2
6	20008125	48326.5	48326.5	49558.1	1231.6
	20008126	40250.5	40250.5	40669.0	418.5
	20008127	89728.6	89728.4	91381.0	1652.6
7	20007744	56644.8	56644.8	57664.5	1019.7
	20007745	29297.7	29298.0	29630.2	332.2
	20007746	94100.3	94100.7	95477.2	1376.5
8	20007747	52736.8	52736.8	53698.0	961.2
	20007748	23138.8	23138.8	23568.6	429.8
	20007749	83963.1	83963.3	85359.5	1396.2
9					
10					
11					
12					

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

GMT=LCL+ 8

Date 2013/12/04

Event 4346

Station 26

Cast 14

Water depth 3982m

Delay duration 02:15:00

Pump duration 04:00:00

Trigger time 05:42 (13:42)

Pumps on 07:57 (15:57)

Pumps off 11:57 (19:57)

CTD/first pump in water 05:42 (13:42)

Last pump in water 07:14 (15:14)

Time at target depth 07:15 (15:15)

Water below pinger N/A

Messenger drop 09:57

Recovery begins 12:00 (20:00)

All aboard 13:30 (21:30)

Notes

No MAPRs deployed. Dropped 1750m depth and switched to 20m to regain sample not well pumped during shallow cast.

DBs on Pump 1.

Pumps 7 and 8 swapped before cast to guarantee good sample at 20m

Pump 8: starting flow rate 6.9L/min

Changed batteries on pumps 5 and 7

Pump 5 flowmeter lock on Supor side

Post deployment download information

Pump ID	Nisk	Nom depth	GT#	Low (rest) voltage	Error msg	Vol pumped (l)
CTD		2750	NA			
1	1	2400	9465	27.6 (34.2)		1647
2	2	2000	9466	25.9 (32.2)		1647
3	3	1500	9467	29 (34.5)		1647
4	4	1250	9468	25 (31.4)		1614
5	5	1000	9469	24.5 (31.1)	changed batt.	1615
6	6	850	9470	28.2 (34)		1647
7	7	335	9471	24.8 (31.8)	changed batt.	1218
8	8	20	9472	29.1 (34.8)		1647