

**Acropak-200 Cast Sheet****FULL STATION**

Station # Station B  
 Deep, Mid, Shallow, Shallow  
 Cast # Cast 5  
 Event # 4171  
 Date 11/14/13  
 ODF Salinity Box B  
 ODF Nutrients Rack Blue

**Sampling Order**

ODF Salinity 250 mL  
 ODF Nutrients 30 mL  
 Resing - Al 100 mL  
 Resing - Mn 100 mL  
 Saito, CO no headspace 2 x 60mL  
 Shiller - Ga 125 mL  
 Moffett - Fe(II) 30 mL  
 Sedwick - dFe 2 x 125mL  
 Barbeau - Cu sp freeze 450 mL  
 Buck - Fe sp freeze 450 mL  
 Bruland - metals 500 mL  
 Wu - metals 500 mL  
 Wu - colloids 500 mL  
 Flegal - Pb shallow 1000 mL  
 Boyle - Pb mid/deep 2000 mL  
 John - isos shallow 4000 mL  
 John - isos mid/deep 1000 mL

OK  
 xweare  
 sampling

**Geotraces 3790**

Acropak: Cheryl  
 Sampler: CZ  
 Depth: 600  
 Caro Pos: 1  
 Btl #: 10  
 Notes:

**Geotraces 3792**

Acropak: Cheryl  
 Sampler: CZ  
 Depth: 500<sup>520</sup>  
 Caro Pos: 3  
 Btl #: 16  
 Notes:

**Geotraces 3794**

Acropak: Cheryl  
 Sampler: CZ  
 Depth: 400  
 Caro Pos: 5  
 Btl #: 18  
 Notes:

**Geotraces 3796**

Acropak: Cheryl  
 Sampler: CZ  
 Depth: 325  
 Caro Pos: 7  
 Btl #: 24  
 Notes:

**Geotraces 3798**

Acropak: Cheryl  
 Sampler: CZ  
 Depth: 275  
 Caro Pos: 9  
 Btl #: 26  
 Notes:

**Geotraces 3800**

Acropak: Cheryl  
 Sampler: CZ  
 Depth: 250  
 Caro Pos: 11  
 Btl #: 28  
 Notes:

**Geotraces 3802**

Acropak: Bubba  
 Sampler: CP  
 Depth: 200  
 Caro Pos: 13  
 Btl #: 30  
 Notes:

**Geotraces 3804**

Acropak: Bubba  
 Sampler: CP  
 Depth: 145  
 Caro Pos: 15  
 Btl #: 36  
 Notes:

**Geotraces 3806**

Acropak: Bubba  
 Sampler: CP  
 Depth: 110  
 Caro Pos: 17  
 Btl #: 2  
 Notes:

**Geotraces 3808**

Acropak: Bubba  
 Sampler: CP  
 Depth: 60  
 Caro Pos: 19  
 Btl #: 4  
 Notes:

**Geotraces 3810**

Acropak: Bubba  
 Sampler: CP  
 Depth: 40  
 Caro Pos: 21  
 Btl #: 6  
 Notes:

**Geotraces 3812**

Acropak: Bubba  
 Sampler: CP  
 Depth: 20  
 Caro Pos: 23  
 Btl #: 8  
 Notes:

# Geotraces R/V Thompson Membrane Sample Log

Sample Date:

UTC Start: 917

UTC End: 1008

Station/Cast: Station B Cast 5 GT Event #: 44474171

Shallow/Mid/Deep  
(circle one)

Nuts Rack: Blue

Samplers: LR1RS1SR

Notes:

Salts Rack: B

Geotraces #:	Geotraces 3791	Geotraces 3793	Geotraces 3795	Geotraces 3797	Geotraces 3799	Geotraces 3801	Geotraces 3803	Geotraces 3805	Geotraces 3807	Geotraces 3809	Geotraces 3811	Geotraces 3813
GoFlo Number:	1	3	5	7	11	13	19	21	29	31	33	37
Depth (m):	600	<del>520</del>	400	325	275	250	200	145	110	60	40	20
Filter Holder #:	25	24	23	22	21	20	19	18	17	16	15	14
Filter diameter:	25mm											10
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

## Filtered Volume (L)

Waste:	7.46	7.20	7.07	7.10	5.25	4.48	7.20	7.19	5.05	1.81	1.90	1.99
Drawn:	2.625	2.625	2.625	2.625	2.625	2.625	2.625	2.625	2.625	2.625	2.625	2.625
Total:	10.085	9.825	9.695	9.725	7.875	7.105	9.825	9.815	7.675	4.435	4.525	4.615
Start Time:	1124	1120	1120	1119	1117	1115	1114	1113	1112	1111	1110	1108
End Time:	1258	1255	1248	0101	117	116	1251	1246	112	111	110	0108

Supor Membrane 0.45 µm

Notes: \*\*All filtered volume is 3.815L <sup>625</sup> 2.375L

Sampling Order:	
Redox:	
Pressurize	
Cutter (S)	2 x 60mL (Syr.)
Cutter (I)	2 x 60mL (Syr.)
Moffett(Fe)	2 x 60mL (Syr.)
Unfiltered:	
ODF Nuts	1 x 30mL
ODF Salts	1 x 250mL
Shake	
Twining-Surface	1 x 2000mL
Twining-DCM	1 x 250mL
Part. Membrane:	
Hammerschmidt (Hg)	1 x 2000mL
Lamborg (T. Hg)	1 x 250mL
Cutter (Nnuts)	1 x 125mL
Cutter (As/Sb)	1 x 250mL
Cutter (Se)	1 x 1190mL

3813
3809
sampled