

### Acropak-200 Cast Sheet

#### FULL STATION

Station # Station 25  
 Deep, Mid, Shallow, Deep  
 Cast # Cast 1  
 Event # 4213  
 Date 11/30/13  
 ODF Salinity Box E  
 ODF Nutrients Rack purple

#### Sampling Order

ODF Salinity	250 mL
ODF Nutrients	30 mL
Resing - Un-filtered	
Resing - Al	100 mL
Resing - Mn	100 mL
Saito, CO no headspace	2 x 60mL
Shiller - Ga	125 mL
<del>Moffett - Fe(II)</del>	<del>30 mL</del>
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
<del>Flegal - Pb shallow</del>	<del>1000 mL</del>
Boyle - Pb mid/deep	2000 mL
<del>John - isos shallow</del>	<del>4000 mL</del>
John - isos mid/deep	1000 mL

### Geotraces 9155

Acropak: Wing Ding  
 Sampler: CZ  
 Depth: 3925  
 Caro Pos: 1  
 Btl #: 31  
 Notes:

### Geotraces 9157

Acropak: Wing Ding  
 Sampler: CZ  
 Depth: 3900  
 Caro Pos: 3  
 Btl #: 33  
 Notes:

### Geotraces 9159

Acropak: Wing Ding  
 Sampler: CZ  
 Depth: 3750  
 Caro Pos: 5  
 Btl #: 37  
 Notes:

### Geotraces 9161

Acropak: Wing Ding  
 Sampler: CZ  
 Depth: 3500  
 Caro Pos: 7  
 Btl #: 1  
 Notes:

### Geotraces 9163

Acropak: Wing Ding  
 Sampler: CZ  
 Depth: 3250  
 Caro Pos: 9  
 Btl #: 3  
 Notes:

### Geotraces 9165

Acropak: Wing Ding  
 Sampler: CZ  
 Depth: 3000  
 Caro Pos: 11  
 Btl #: 5  
 Notes:

### Geotraces 9167

Acropak: Holliba  
 Sampler: CP  
 Depth: 2900  
 Caro Pos: 13  
 Btl #: 7  
 Notes:

### Geotraces 9169

Acropak: Holliba  
 Sampler: CP  
 Depth: 2800  
 Caro Pos: 15  
 Btl #: 11  
 Notes:

### Geotraces 9171

Acropak: Holliba  
 Sampler: CP  
 Depth: 2750  
 Caro Pos: 17  
 Btl #: 13  
 Notes:

### Geotraces 9173

Acropak: Holliba  
 Sampler: CP  
 Depth: 2700  
 Caro Pos: 19  
 Btl #: 19  
 Notes:

### Geotraces 9175

Acropak: Holliba  
 Sampler: CP  
 Depth: 2650  
 Caro Pos: 21  
 Btl #: 21  
 Notes:

### Geotraces 9177

Acropak: Holliba  
 Sampler: CP  
 Depth: 2600  
 Caro Pos: 23  
 Btl #: 29  
 Notes:

# Geotraces R/V Thompson Membrane Sample Log

Sample Date: 12/11/13 UTC Start: 2237  
 113013 UTC End: 0140

Station/Cast: Station 25 Cast 1 GT Event #: 4312  
 Shallow/Mid/Deep (circle one) Nuts Rack: Purple Samplers: LR1RS1SR Notes:  
 Salts Rack: F

Geotraces #:	Geotraces 9156	Geotraces 9158	Geotraces 9160	Geotraces 9162	Geotraces 9164	Geotraces 9166	Geotraces 9168	Geotraces 9170	Geotraces 9172	Geotraces 9174	Geotraces 9176	Geotraces 9178
GoFlo Number:	2	4	6	8	10	16	18	24	26	28	30	36
Depth (m):	3925	3900	3750	3500	3250	3000	2900	2800	2750	2700	2650	2600
Filter Holder #:	1	2	3	4	5	6	7	8	9	10	11	12
Filter diameter:	25mm											
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

**Filtered Volume (L) 7.90**

Waste:	<del>0.00</del>	7.86	7.77	8.21	7.94	7.98	7.94	8.42	7.93	8.28	8.10	8.26
Drawn:	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
Total:	10.15	10.11	10.02	10.46	10.19	10.23	10.19	10.67	10.18	10.53	10.35	10.51
Start Time:	0215	0216	0217	0218	0219	0221	0220	0219	0218	0216	0215	0214
End Time:	403	357	357	403	405	406	406	409	403	406	357	357

\* Supor Membrane 0.45 µm

Notes: \*\*All filtered volume is 3.815L 2.25L

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