

**Acropak-200 Cast Sheet****DEMI STATION**

Station # Station 12  
 Deep, Mid, Shallow shallow  
 Cast # Cast 1  
 Event # 4157  
 Date 11/13/13  
 ODF Salinity Box F  
 ODF Nutrients Rack White

**Sampling Order***Pressurize GoFlo*

ODF Salinity 250 mL  
 ODF Nutrients 30 mL  
 Casciotti - NO<sub>3</sub><sup>-</sup> - freeze 3x100 mL  
 Casciotti - to Brian P ASAP 100 mL  
 Resing - Al 100 mL  
 Resing - Mn 100 mL  
 Saito - CO no headspace 2 x 60mL  
 Shiller - Ga 125 mL  
~~Moffet - Fe(II) 60mL~~  
 Bruland - metals 500 mL  
 Flegal - Pb sometimes 1000 mL  
~~Boyle - Pb sometimes 500 mL~~

**Geotraces 3702**

Acropak: Cheryl  
 Sampler: CZ  
 Depth: 1000  
 Caro Pos: 1  
 Btl #: 6  
 Notes:

**Geotraces 3704**

Acropak: Cheryl  
 Sampler: CZ  
 Depth: 750  
 Caro Pos: 3  
 Btl #: 8  
 Notes:

**Geotraces 3706**

Acropak: Cheryl  
 Sampler: CZ  
 Depth: 500  
 Caro Pos: 5  
 Btl #: 10  
 Notes:

**Geotraces 3708**

Acropak: Cheryl  
 Sampler: CZ  
 Depth: 400  
 Caro Pos: 7  
 Btl #: 16  
 Notes:

**Geotraces 3710**

Acropak: Cheryl  
 Sampler: CZ  
 Depth: 3400  
 Caro Pos: 9  
 Btl #: 18  
 Notes:

**Geotraces 3712**

Acropak: Cheryl  
 Sampler: CZ  
 Depth: 245  
 Caro Pos: 11  
 Btl #: 24  
 Notes:

**Geotraces 3714**

Acropak: Bubba  
 Sampler: CP  
 Depth: 230  
 Caro Pos: 13  
 Btl #: 26  
 Notes:

**Geotraces 3716**

Acropak: Bubba  
 Sampler: CP  
 Depth: 210  
 Caro Pos: 15  
 Btl #: 28  
 Notes:

**Geotraces 3718**

Acropak: Bubba  
 Sampler: CP  
 Depth: 160  
 Caro Pos: 17  
 Btl #: 30  
 Notes:

**Geotraces 3720**

Acropak: Bubba  
 Sampler: CP  
 Depth: 3120  
 Caro Pos: 19  
 Btl #: 120/36  
 Notes:

**Geotraces 3722**

Acropak: Bubba  
 Sampler: CP  
 Depth: 50  
 Caro Pos: 21  
 Btl #: 2  
 Notes:

**Geotraces 3724**

Acropak: Bubba  
 Sampler: CP  
 Depth: 25  
 Caro Pos: 23  
 Btl #: 4  
 Notes:

# Geotraces R/V Thompson Membrane Sample Log

Sample Date: 11/13/13

UTC Start: 0538

Station/Cast: Station 12 Cast 1

GT Event #: 4157

UTC End: 0644

Shallow/Mid/Deep  
Demi (circle one)

Nuts Rack: White

Samplers: LISIRS

Notes:

Salts Rack: F

Geotraces #:	Geotraces 3703	Geotraces 3705	Geotraces 3707	Geotraces 3709	Geotraces 3711	Geotraces 3713	Geotraces 3715	Geotraces 3717	Geotraces 3719	Geotraces 3721	Geotraces 3723	Geotraces 3725
GoFlo Number:	1	3	5	7	11	13	19	21	29	31	33	37
Depth (m):	1000	750	500	400	300	245	230	210	160	120	50	25
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)**

	3703	3705	3707	3709	3711	3713	3715	3717	3719	3721	3723	3725
Waste:	8.30	7.90	7.84	8.10	8.00	7.61	7.64	8.06	7.70	6.76	2.66	3.88
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:	10.55	10.15	10.09	10.35	10.25	9.86	9.89	10.31	9.95	8.91	4.91	6.13
Start Time:	0730	0732	0734	0736	0737	0739	0740	0741	0744	0746	0747	0749
End Time:	0916	0912	0912	0925	927	0939	0940	931	929	946	947	949

For moffet: x2  
Supor Membrane 0.45 µm

- 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

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

3725  
3723

901