

**Acropak-200 Cast Sheet**

**FULL STATION**

Station # Station 21  
 Deep, Mid, Shallow, Mid  
 Cast # Cast 8  
 Event # 4281  
 Date 11/26/13  
 ODF Salinity Box F  
 ODF Nutrients Rack white

**Sampling Order**

ODF Salinity 250 mL  
 ODF Nutrients 30 mL  
 Resing - Unfiltered 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  
 Cotter - As/Sb 250mL

**Geotraces 8888**

Acropak: Ahab  
 Sampler: CZ  
 Depth: 2500  
 Caro Pos: 71  
 Btl #: 7  
 Notes:

**Geotraces 8890**

Acropak: Ahab  
 Sampler: CZ  
 Depth: 2450  
 Caro Pos: 34  
 Btl #: 711  
 Notes:

**Geotraces 8892**

Acropak: Ahab  
 Sampler: CZ  
 Depth: 2400  
 Caro Pos: 135  
 Btl #: 513  
 Notes:

**Geotraces 8894**

Acropak: Ahab  
 Sampler: CZ  
 Depth: 2350  
 Caro Pos: 197  
 Btl #: 719  
 Notes:

**Geotraces 8896**

Acropak: Ahab  
 Sampler: CZ  
 Depth: 2300  
 Caro Pos: 9  
 Btl #: 21  
 Notes:

**Geotraces 8898**

Acropak: Ahab  
 Sampler: CZ  
 Depth: 2200  
 Caro Pos: 11  
 Btl #: 29  
 Notes:

**Geotraces 8900**

Acropak: Moby Dick  
 Sampler: CP  
 Depth: 2100  
 Caro Pos: 13  
 Btl #: 31  
 Notes:

**Geotraces 8902**

Acropak: Moby Dick  
 Sampler: CP  
 Depth: 2000  
 Caro Pos: 1615  
 Btl #: 33  
 Notes:

**Geotraces 8904**

Acropak: Moby Dick  
 Sampler: CP  
 Depth: 1750  
 Caro Pos: 17  
 Btl #: 37  
 Notes:

**Geotraces 8906**

Acropak: Moby Dick  
 Sampler: CP  
 Depth: 1500  
 Caro Pos: 19  
 Btl #: 18  
 Notes:

**Geotraces 8908**

Acropak: Moby Dick  
 Sampler: CP  
 Depth: 1250  
 Caro Pos: 21  
 Btl #: 23  
 Notes:

**Geotraces 8910**

Acropak: Moby Dick  
 Sampler: CP  
 Depth: 1000  
 Caro Pos: 23  
 Btl #: 5  
 Notes:

# Geotraces R/V Thompson Membrane Sample Log

Sample Date: 11/26/13

UTC Start: 2316  
UTC End: 0112

Station/Cast: Station 21 Cast 8	GT Event #: 4281					Sample Date: 11/26/13			UTC Start: 2316			UTC End: 0112
Shallow/Mid/Deep (circle one)	Nuts Rack: white					Samplers: LR1RS1R			Notes:			
	Salts Rack: F											
Geotraces #:	8889	8891	8893	8895	8897	8899	8901	8903	8905	8907	8909	8911
GoFlo Number:	2	4	6	8	10	16	18	24	26	28	30	36
Depth (m):	2500	2450	2400	2350	2300	2200	2100	2000	1750	1500	1250	1000
Filter Holder #:	21	20	19	18	17	16	6	5	4	3	2	1
Filter diameter:	25mm											→
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

Filtered Volume (L)	226											
Waste:	6.86	<del>6.86</del>	6.85	7.13	2.37	6.80	6.88	7.15	6.70	6.85	6.89	7.16
Drawn:	3.44	7.84	3.44	3.44	7.84	3.44	3.44	3.44	3.44	3.44	3.44	2.25
Total:	10.30	10.10	10.29	10.57	10.21	10.24	10.32	10.59	10.14	10.29	10.33	9.41
Start Time:	1445	152	153	154	156	158	154	155	156	157	0210	159
End Time:	337	<del>337</del>	340	<del>340</del>	<del>340</del>	343	339	344	342	340	350	348
		400		340	412							

• 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  
3.44L

8997 & 8891 - Colloid Sampling.  
4.4L

Filter Batch 8 for all

Se on bottle 8897 possibly contaminated w/ 8895 water

→ Taken on Aeropak side

→ ALL except # 8911