

**Acropak-200 Cast Sheet**

**FULL STATION**

Station # Station  
 Deep, Mid, Shallow, mid  
 Cast # Cast 9  
 Event # 4424  
 Date 12/12/13  
 ODF Salinity Box F  
 ODF Nutrients Rack Blue

**GEOTRACES 10042 GEOTRACES 10044 GEOTRACES 10046**

Acropak: <sup>wonder</sup>women  
 Sampler: CZ  
 Depth: 2700  
 Caro Pos: 1  
 Btl #: 5  
 Notes:

Acropak: <sup>wonder</sup>women  
 Sampler: CZ  
 Depth: 2650  
 Caro Pos: 3  
 Btl #: 7  
 Notes:

Acropak: <sup>wonder</sup>women  
 Sampler: CZ  
 Depth: 2600  
 Caro Pos: 5  
 Btl #: 11  
 Notes:

**Sampling Order**

ODF Salinity 250 mL  
 ODF Nutrients 30 mL  
 Resing - unfiltered 100 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

Flegal - extra @ 1500 #10044

NO SPIT

5

#19 top ball leaky?

**GEOTRACES 10048 GEOTRACES 10050 GEOTRACES 10052**

Acropak: <sup>wonder</sup>women  
 Sampler: CZ  
 Depth: 2550  
 Caro Pos: 7  
 Btl #: 13  
 Notes:

Acropak: <sup>wonder</sup>women  
 Sampler: CZ  
 Depth: 2500  
 Caro Pos: 9  
 Btl #: 19  
 Notes:

Acropak: <sup>wonder</sup>women  
 Sampler: CZ  
 Depth: 2400  
 Caro Pos: 11  
 Btl #: 21  
 Notes:

**GEOTRACES 10054 GEOTRACES 10056 GEOTRACES 10058**

Acropak: <sup>super</sup>girl  
 Sampler: CP  
 Depth: 2300  
 Caro Pos: 13  
 Btl #: 29  
 Notes:

Acropak: <sup>super</sup>girl  
 Sampler: CP  
 Depth: 2200  
 Caro Pos: 15  
 Btl #: 31  
 Notes:

Acropak: <sup>super</sup>girl  
 Sampler: CP  
 Depth: 2100  
 Caro Pos: 17  
 Btl #: 33  
 Notes:

**GEOTRACES 10060 GEOTRACES 10062 GEOTRACES 10064**

Acropak: <sup>super</sup>girl  
 Sampler: CP  
 Depth: 2000  
 Caro Pos: 19  
 Btl #: 37  
 Notes:

Acropak: <sup>super</sup>girl  
 Sampler: CP  
 Depth: 1750  
 Caro Pos: 21  
 Btl #: 1  
 Notes:

Acropak: <sup>super</sup>girl  
 Sampler: CP  
 Depth: 1500  
 Caro Pos: 23  
 Btl #: 3  
 Notes:

\* Extra Flegal Bottle

# Geotraces R/V Thompson Membrane Sample Log

Sample Date:

12/12/13

UTC Start: 1932

UTC End: 2140

Station/Cast: Station 32 Cast 9

GT Event #: 41424

Shallow/Mid/Deep  
(circle one)

Nuts Rack: Blue

Samplers:

Notes:

Salts Rack: F

LR1RS1SR

Geotraces #:	GEOTRACES 10043	GEOTRACES 10045	GEOTRACES 10047	GEOTRACES 10049	GEOTRACES 10051	GEOTRACES 10053	GEOTRACES 10055	GEOTRACES 10057	GEOTRACES 10059	GEOTRACES 10061	GEOTRACES 10063	GEOTRACES 10065
GoFlo Number:	2	4	6	8	10	16	18	24	28	28	30	36
Depth (m):	2700	2650	2600	2550	2500	2400	2300	2200	2100	2000	1750	1500
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)

Waste:	8.30	7.75	8.16	8.30	8.12	8.10	7.79	8.42	8.04	8.26	8.36	8.18
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	10.00	10.41	10.55	10.37	10.35	10.04	10.67	10.29	10.51	10.61	10.43
Start Time:	2214	2215	2215	2217	2218	2219	2213	2214	2215	2215	2216	2217
End Time:	2406	2400	2400	2400	2400	2403	2400	2400	2400	2400	2400	2400

## • 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

All filters from Fish Batch (3)