

Acropak-200 Cast Sheet

SHELF STATION

Station # station 2
 Deep, Mid, (Shallow) Shallow
 Cast # 1
 Event # 40032
 Date 10/31/13
 ODF Salinity Box B
 ODF Nutrients Rack white

Geotraces 2252

Acropak: C
 Sampler: CZ
 Depth: 110
 Caro Pos: 1
 Btl #: 9
 Notes: -leaking from sigot

Geotraces 2254

Acropak: C
 Sampler: CZ
 Depth: 90
 Caro Pos: 5
 Btl #: 15
 Notes:

Geotraces 2256

Acropak: C
 Sampler: CZ
 Depth: 70
 Caro Pos: 9
 Btl #: 17
 Notes:

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 - Fe sp freeze 450 mL
 Buck - Fe sp freeze 450 mL
 Bruland - metals 500 mL
 Flegal - Pb iso shallow 1000 mL
 John - isos shallow 4000 mL
~~John - isos mid/deep 1000 mL~~

Geotraces 2258

Acropak: D
 Sampler: CP
 Depth: 55
 Caro Pos: 13
 Btl #: 27
 Notes:

Sticker!

Acropak: _____
 Sampler: _____
 Depth: _____
 Caro Pos: _____
 Btl #: _____
 Notes:

Sticker!

Acropak: _____
 Sampler: _____
 Depth: _____
 Caro Pos: _____
 Btl #: _____
 Notes:

Geotraces 2260

Acropak: D
 Sampler: CP
 Depth: 38
 Caro Pos: 17
 Btl #: 35
 Notes:

Sticker!

Acropak: _____
 Sampler: _____
 Depth: _____
 Caro Pos: _____
 Btl #: _____
 Notes:

Sticker!

Acropak: _____
 Sampler: _____
 Depth: _____
 Caro Pos: _____
 Btl #: _____
 Notes:

Geotraces 2262

Acropak: D
 Sampler: CP
 Depth: 20
 Caro Pos: 21
 Btl #: 39
 Notes: air leaking from top ball

Sticker!

Acropak: _____
 Sampler: _____
 Depth: _____
 Caro Pos: _____
 Btl #: _____
 Notes:

Sticker!

Acropak: _____
 Sampler: _____
 Depth: _____
 Caro Pos: _____
 Btl #: _____
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 10/31/13
 UTC Start: 2320
 UTC End: 2355

Station/Cast: Station 2/cast 1 GT Event #: 4032
 (Shallow/Mid/Deep) (circle one) Nuts Rack: White Samplers: LC1RS/SP Notes:
 Salts Rack: B

Geotraces #:	Geotraces 2253	Geotraces 2255	Geotraces 2257	Geotraces 2259	Geotraces 2261	Geotraces 2263
GoFlo Number:	12	14	20	22	32	38
Depth (m):	110	90	70	55	38	20
Filter Holder #:	1	2	3	4	5	6
Filter diameter:	47					

Filtered Volume (L)	2	6	10	14	18	22
Waste:	0.62	3.00	3.50	5.70	3.14	1.62
Drawn:	0.40	3.69	3.69	3.69	3.69	1.62
Total:	1.02	6.69	7.19	9.39	6.83	1.62
Start Time:	0040	0045	0050	0055	0057	0000
End Time:	0115	0142	0250	0255	0230	0115

Carouse # 2 6 10 14 18 22 0.62 7.10L
 FH#7 0132 *Se for #2253 taken from aeropack C

Supor Membrane 0.45 µm

Notes: **All filtered volume is 3.815L

2253 dlogged at 400ml into 2000ml Hg. change to Filter #7.

2291 - Arthate tube fell outside bucket for uncertain amt of time.

2257 and 2261 - water pooled on top of Arthate holders - sl. leak, v. small vol. loss.

2253 → 2nd FH #7: Drawn = 1.10L } 3.88L
 less than 2hrs waste = 2.78L

2263 → 2nd FH #8: Drawn = 2.69L } 5.99L
 less than 2hrs waste = 3.30L

Proc. Blk FH #9 on 2255 - 2L thru Aeropack used by Cheryl
 2257 - 1.8L for deep samps

- male-male herlak were only SW rinsed
 NOT Acid cleaned

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

-20m
-36m