

Acropak-200 Cast Sheet
SUPER STATION
 Station # Station 26
 Deep, Mid, Shallow, Mid
 Cast # Cast 11
 Event # 4343
 Date 12/4/13
 ODF Salinity Box G
 ODF Nutrients Rack black

Geotraces 9417
 Acropak: Hardy
 Sampler: CZ
 Depth: 2600
 Caro Pos: 1
 Btl #: 6
 Notes:

Geotraces 9419
 Acropak: Hardy
 Sampler: CZ
 Depth: 2550
 Caro Pos: 3
 Btl #: 8
 Notes:

Geotraces 9421
 Acropak: Hardy
 Sampler: CZ
 Depth: 2500
 Caro Pos: 5
 Btl #: 10
 Notes:

Sampling Order
 ODF Salinity 250 mL
 ODF Nutrients 30 mL
 Resins - 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 900 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

Geotraces 9423
 Acropak: Hardy
 Sampler: CZ
 Depth: 2400
 Caro Pos: 7
 Btl #: 16
 Notes:

Geotraces 9425
 Acropak: Hardy
 Sampler: CZ
 Depth: 2300
 Caro Pos: 9
 Btl #: 18
 Notes:

Geotraces 9427
 Acropak: Hardy
 Sampler: CZ
 Depth: 2200
 Caro Pos: 11
 Btl #: 24
 Notes:

Geotraces 9429
 Acropak: Laurel
 Sampler: CP
 Depth: 2100
 Caro Pos: 13
 Btl #: 26
 Notes:

Geotraces 9431
 Acropak: Laurel
 Sampler: CP
 Depth: 2000
 Caro Pos: 15
 Btl #: 28
 Notes:

Geotraces 9433
 Acropak: Laurel
 Sampler: CP
 Depth: 1750
 Caro Pos: 17
 Btl #: 30
 Notes:

Geotraces 9435
 Acropak: Laurel
 Sampler: CP
 Depth: 1500
 Caro Pos: 19
 Btl #: 36
 Notes:

Geotraces 9437
 Acropak: Laurel
 Sampler: CP
 Depth: 1250
 Caro Pos: 21
 Btl #: 2
 Notes:

Geotraces 9439
 Acropak: Laurel
 Sampler: CP
 Depth: 1000
 Caro Pos: 23
 Btl #: 4
 Notes:

* Flegal - Pb @ 1000m only
 # 9439

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 12/4/13
 UTC Start: 554
 UTC End: 759

Station/Cast: Station 26 Cast 11
 GT Event #: 4343
 Shallow/Mid/Deep (circle one): Mid
 Nuts Rack: Black
 Samplers: UR151SR
 Salts Rack: G
 Notes:

| Geotraces #: | Geotraces 9418 | Geotraces 9420 | Geotraces 9422 | Geotraces 9424 | Geotraces 9426 | Geotraces 9428 | Geotraces 9430 | Geotraces 9432 | Geotraces 9434 | Geotraces 9436 | Geotraces 9438 | Geotraces 9440 |
|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| GoFlo Number: | 1 | 3 | 5 | 7 | 11 | 13 | 19 | 21 | 29 | 31 | 33 | 37 |
| Depth (m): | 2600 | 2550 | 2500 | 2400 | 2300 | 2200 | 2100 | 2000 | 1750 | 1500 | 1250 | 1000 |
| Filter Holder #: | 12 | 11 | 10 | 9 | 8 | 7 | 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) | 7.70 | | | | | | | | | | | |
|---------------------|-------|------|-------|-------|-------|-------|-------|------|-------|-----------------|------|------|
| Waste: | 7.90 | 7.00 | 7.91 | 7.94 | 3.50 | 8.16 | 8.23 | 5.18 | 8.16 | 8.00 | 7.61 | 5.52 |
| Drawn: | 2.25 | 2.25 | 2.25 | 2.25 | 6.65 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 |
| Total: | 10.15 | 9.25 | 10.16 | 10.19 | 10.15 | 10.41 | 10.48 | 7.43 | 10.41 | 9.95 | 9.86 | 7.77 |
| Start Time: | 844 | 845 | 846 | 847 | 848 | 849 | 850 | 849 | 848 | 847 | 844 | 843 |
| End Time: | 1025 | 1019 | 1031 | 1031 | 1031 | 1035 | 1034 | 1002 | 1032 | 1026 | 1021 | 1002 |

• 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

Process blanks 9432, FH#13, acropora Laurel, 2.08L
 9440 #27, " " , 2.30L

Collids on 9426, last sample of cruise for CFF

All Filters Batch (10)