

Acropak-200 Cast Sheet**FULL STATION**

Station # Station 25
 Deep, Mid, Shallow, mid
 Cast # Cast 8
 Event # 4326
 Date 12/1/13
 ODF Salinity Box G
 ODF Nutrients Rack white

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(H) 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

Geotraces 9264

Acropak: Hardy
 Sampler: CZ
 Depth: 2600
 Caro Pos: 1
 Btl #: 37
 Notes:

Geotraces 9266

Acropak: Hardy
 Sampler: CZ
 Depth: 2550
 Caro Pos: 3
 Btl #: 1
 Notes:

Geotraces 9268

Acropak: Hardy
 Sampler: CZ
 Depth: 2500
 Caro Pos: 5
 Btl #: 3
 Notes:

Geotraces 9270

Acropak: Hardy
 Sampler: CZ
 Depth: 2400
 Caro Pos: 7
 Btl #: 5
 Notes:

Geotraces 9272

Acropak: Hardy
 Sampler: CZ
 Depth: 2300
 Caro Pos: 9
 Btl #: 7
 Notes:

Geotraces 9274

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

Geotraces 9276

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

Geotraces 9278

Acropak: Laurel
 Sampler: CP
 Depth: 2000
 Caro Pos: 15
 Btl #: 19
 Notes:

Geotraces 9280

Acropak: Laurel
 Sampler: CP
 Depth: 1750
 Caro Pos: 17
 Btl #: 21
 Notes:

Geotraces 9282

Acropak: Laurel
 Sampler: CP
 Depth: 1500
 Caro Pos: 19
 Btl #: 29
 Notes:

Geotraces 9284

Acropak: Laurel
 Sampler: CP
 Depth: 1250
 Caro Pos: 21
 Btl #: 31
 Notes:

Geotraces 9286

Acropak: Laurel
 Sampler: CP
 Depth: 1000
 Caro Pos: 23
 Btl #: 33
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 12/2/13
 UTC Start: 103
 UTC End: 310

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|----------------------------------|------------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|-------------------|----------------|----------------|----------------|
| Station/Cast: Station 25 Cast 8 | GT Event #: 4326 | | | | | Nuts Rack: White | | | Samplers: LRPS/SR | | Notes: | |
| Shallow/Mid/Deep (circle one) | Salts Rack: G | | | | | | | | | | | |
| Geotraces #: | Geotraces 9265 | Geotraces 9267 | Geotraces 9269 | Geotraces 9271 | Geotraces 9273 | Geotraces 9275 | Geotraces 9277 | Geotraces 9279 | Geotraces 9281 | Geotraces 9283 | Geotraces 9285 | Geotraces 9287 |
| GoFlo Number: | 2 | 4 | 6 | 8 | 10 | 16 | 18 | 24 | 26 | 28 | 30 | 36 |
| Depth (m): | 2600 | 2550 | 2500 | 2400 | 2300 | 2200 | 2100 | 2000 | 1750 | 1500 | 1250 | 1000 |
| Filter Holder #: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Filter diameter: | 25mm | | | | | | | | | | | 8 |
| Position #: | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |

| | | | | | | | | | | | | |
|---------------------|-------|------|-------|-----------------|-----------------|-------|-------|----------------|-------|-------|-------|-------|
| Filtered Volume (L) | 8.41 | | 7.86 | | | | | | | | | |
| Waste: | 8.19 | 7.59 | 7.86 | 8.41 | 7.86 | 8.10 | 7.90 | 8.32 | 7.89 | 8.24 | 8.01 | 8.20 |
| 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: | 10.44 | 9.84 | 10.11 | 10.66 | 10.11 | 10.35 | 10.15 | 10.57 | 10.14 | 10.49 | 10.26 | 10.45 |
| Start Time: | 351 | 350 | 348 | 346 | 345 | 344 | 351 | 350 | 349 | 347 | 346 | 345 |
| End Time: | 536 | 528 | 532 | 530 | 532 | 528 | 532 | 530 | 530 | 534 | 528 | 528 |

- Supor Membrane 0.45 µm

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|--------------------|-----------------|
| 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