

Acropak-200 Cast Sheet

FULL STATION

Station # Station 30
 Deep, Mid, Shallow, Mid
 Cast # Cast 10
 Event # 4398
 Date 12/19/13
 ODF Salinity Box A
 ODF Nutrients Rack Black

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

* Flegal - extra bottle on #9865

Geotraces 9843

Acropak: Saturn
 Sampler: CZ
 Depth: 2550
 Caro Pos: 1
 Btl #: 30
 Notes:

Geotraces 9845

Acropak: Saturn
 Sampler: CZ
 Depth: 2500
 Caro Pos: 3
 Btl #: 36
 Notes:

Geotraces 9847

Acropak: Saturn
 Sampler: CZ
 Depth: 2450
 Caro Pos: 5
 Btl #: 2
 Notes:

Geotraces 9849

Acropak: Saturn
 Sampler: CZ
 Depth: 2400
 Caro Pos: 7
 Btl #: 4
 Notes:

Geotraces 9851

Acropak: Saturn
 Sampler: CZ
 Depth: 2300
 Caro Pos: 9
 Btl #: 6
 Notes:

Geotraces 9853

Acropak: Saturn
 Sampler: CZ
 Depth: 2200
 Caro Pos: 11
 Btl #: 8
 Notes:

Geotraces 9855

Acropak: Jupiter
 Sampler: CP
 Depth: 2100
 Caro Pos: 13
 Btl #: 10
 Notes:

Geotraces 9857

Acropak: Jupiter
 Sampler: CP
 Depth: 2000
 Caro Pos: 15
 Btl #: 16
 Notes:

Geotraces 9859

Acropak: Jupiter
 Sampler: CP
 Depth: 1750
 Caro Pos: 17
 Btl #: 18
 Notes:

Geotraces 9861

Acropak: Jupiter
 Sampler: CP
 Depth: 1500
 Caro Pos: 19
 Btl #: 24
 Notes:

Geotraces 9863

Acropak: Jupiter
 Sampler: CP
 Depth: 1250
 Caro Pos: 21
 Btl #: 26
 Notes:

Geotraces 9865

Acropak: Jupiter
 Sampler: CP
 Depth: 1000
 Caro Pos: 23
 Btl #: 28
 Notes:
 * Extra Flegal Sample

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 12/19/13
 UTC Start: 1920
 UTC End: 2123

Station/Cast: Station 30 Cast 10		GT Event #: 4398					Sample Date: 12/19/13			UTC Start: 1920			UTC End: 2123	
Shallow/Mid/Deep (circle one)		Nuts Rack: Black					Samplers: LR1RS1SR			Notes:				
		Salts Rack: A												
Geotraces #:	Geotraces 9844	Geotraces 9846	Geotraces 9848	Geotraces 9850	Geotraces 9852	Geotraces 9854	Geotraces 9856	Geotraces 9858	Geotraces 9860	Geotraces 9862	Geotraces 9864	Geotraces 9866		
GoFlo Number:	1	3	5	7	11	13	19	21	29	31	33	37		
Depth (m):	2550	2500	2450	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													7
Position #:	2	4	6	8	10	12	14	16	18	20	22	24		
Filtered Volume (L)													8.17	8.16
Waste:	7.44	7.82	8.06	8.02	7.75	8.02	8.02	8.30	7.95	7.60	7.8	7.8		
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:	9.69	10.07	10.31	10.27	10.00	10.27	10.27	10.55	10.20	9.85	10.42	10.41		
Start Time:	1007	1006	1005	1002	1002	1001	1000	1001	1002	1003	1004	1005		
End Time:	1142	1142	1143	1143	1140	1139	1140	1146	1143	1206	1144	1140		

- Sampling Order:
- Redox:
 - Pressurize
 - Cutter (S) 2 x 60mL (Syr.)
 - Cutter (I) 2 x 60mL (Syr.)
 - Moffett(Fe) 52 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

• Supor Membrane 0.45 µm

Notes: **All filtered volume is 3-815L
2.25L

→ on 9844 only!

9862 → did not drip dry, stopped after 2 hrs. low air pressure?