

Acropak-200 Cast Sheet

DEMI STATION

Station # Station 24

Deep, Mid, Shallow shallow

Cast # Cast #1

Event # 4306

Date 11/30/13

ODF Salinity Box G

ODF Nutrients Rack White

Geotraces 9125

Acropak: Einstein

Sampler: CZ

Depth: 1000

Caro Pos: 1

Btl #: 29

Notes:

Geotraces 9127

Acropak: Einstein

Sampler: CZ

Depth: 750

Caro Pos: 3

Btl #: 31

Notes:

Geotraces 9129

Acropak: Einstein

Sampler: CZ

Depth: 500

Caro Pos: 5

Btl #: 33

Notes:

Sampling Order

Pressurize GoFlo

ODF Salinity	250 mL
ODF Nutrients	30 mL
Casciotti - NO ₃ ⁻ - freeze	3x100 mL
Casciotti - to Brian P ASAP	100 mL
Resing - Al	100 mL
Resing - Mn	100 mL
Saito - Co no headspace	2 x 60mL
Shiller - Ga	125 mL
Moffet - Fe(II)	60mL
Bruland - metals	500 mL
Flegal - Pb sometimes	1000 mL
Boyle - Pb sometimes	500 mL

Geotraces 9131

Acropak: Einstein

Sampler: CZ

Depth: 350

Caro Pos: 7

Btl #: 37

Notes:

Geotraces 9133

Acropak: Einstein

Sampler: CZ

Depth: 290

Caro Pos: 9

Btl #: 1

Notes:

Geotraces 9135

Acropak: Einstein

Sampler: CZ

Depth: 225

Caro Pos: 11

Btl #: 3

Notes:

Geotraces 9137

Acropak: Mclm Curie

Sampler: CP

Depth: 180

Caro Pos: 13

Btl #: 5

Notes:

Geotraces 9139

Acropak: Mclm Curie

Sampler: CP

Depth: 110

Caro Pos: 15

Btl #: 7

Notes:

Geotraces 9141

Acropak: Mclm Curie

Sampler: CP

Depth: 70

Caro Pos: 17

Btl #: 11

Notes:

Geotraces 9143

Acropak: Mclm Curie

Sampler: CP

Depth: 55

Caro Pos: 19

Btl #: 13

Notes:

Geotraces 9145

Acropak: Mclm Curie

Sampler: CP

Depth: 40

Caro Pos: 21

Btl #: 19

Notes:

Geotraces 9147

Acropak: Mclm Curie

Sampler: CP

Depth: 20

Caro Pos: 23

Btl #: 21

Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date:

UTC Start: 0720

11/30/13

UTC End: 0829

Station/Cast: Station 29 Cast 1

GT Event #: 4306

Shallow/Mid/Deep

Nuts Rack: G

Samplers:

Notes:

Demi (circle one)

Salts Rack: white

LRIRS/SP

Geotraces #:	Geotraces 9126	Geotraces 9128	Geotraces 9130	Geotraces 9132	Geotraces 9134	Geotraces 9136	Geotraces 9138	Geotraces 9140	Geotraces 9142	Geotraces 9144	Geotraces 9146	Geotraces 9148
GoFlo Number:	2	4	6	8	10	16	18	24	26	28	30	36
Depth (m):	1000	750	500	350	290	225	180	110	70	55	40	20
Filter Holder #:	40	35	38	37	36	35	34	33	32	31	30	29
Filter diameter:	25mm	→										
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

Filtered Volume (L)

Waste:	8.24	8.22	8.27	8.59	8.34	8.41	7.90	6.41	1.22	2.19	2.46	1.72
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:	10.49	10.47	10.52	10.84	10.59	10.66	10.15	8.66	3.47	4.44	4.71	3.97
Start Time:	0908	0907	0906	0905	0904	0903	0902	0901	0900	0859	0858	0857
End Time:	1040	1047	1041	1053	1047	0703	0702	0901	0900	1059	1058	1057

- 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 ²⁵⁰ 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
9142 9148