

### Acropak-200 Cast Sheet

#### FULL STATION

Station # Station 32  
 Deep, Mid, Shallow, Shallow  
 Cast # Cast 5  
 Event # 4419  
 Date 12/12/13  
 ODF Salinity Box G  
 ODF Nutrients Rack Blue

#### 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 - 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 09979

Acropak: Seychelles  
 Sampler: CZ  
 Depth: 1500  
 Caro Pos: 1  
 Btl #: 3  
 Notes:

### Geotraces 09981

Acropak: Seychelles  
 Sampler: CZ  
 Depth: 1250  
 Caro Pos: 3  
 Btl #: 5  
 Notes:

### Geotraces 09983

Acropak: Seychelles  
 Sampler: CZ  
 Depth: 1000  
 Caro Pos: 5  
 Btl #: 7  
 Notes:

### Geotraces 09985

Acropak: Seychelles  
 Sampler: CZ  
 Depth: 850  
 Caro Pos: 7  
 Btl #: 11  
 Notes:

### Geotraces 09987

Acropak: Seychelles  
 Sampler: CZ  
 Depth: 600  
 Caro Pos: 9  
 Btl #: 13  
 Notes:

### Geotraces 09989

Acropak: Seychelles  
 Sampler: CZ  
 Depth: 450  
 Caro Pos: 11  
 Btl #: 19  
 Notes:

### Geotraces 09991

Acropak: Hawaii  
 Sampler: CP  
 Depth: 335  
 Caro Pos: 13  
 Btl #: 21  
 Notes:

### Geotraces 09993

Acropak: Hawaii  
 Sampler: CP  
 Depth: 200  
 Caro Pos: 15  
 Btl #: 29  
 Notes:

### Geotraces 09995

Acropak: Hawaii  
 Sampler: CP  
 Depth: 130  
 Caro Pos: 17  
 Btl #: 31  
 Notes:

### Geotraces 09997

Acropak: Hawaii  
 Sampler: CP  
 Depth: 95  
 Caro Pos: 19  
 Btl #: 33  
 Notes:

### Geotraces 09999

Acropak: Hawaii  
 Sampler: CP  
 Depth: 60  
 Caro Pos: 21  
 Btl #: 37  
 Notes:

### Geotraces 10001

Acropak: Hawaii  
 Sampler: CP  
 Depth: 30  
 Caro Pos: 23  
 Btl #: 1  
 Notes:

# Geotraces R/V Thompson Membrane Sample Log

Sample Date: 12/12/13  
 UTC Start: 234  
 UTC End: 401

Station/Cast: Station 32 Cast 5		GT Event #: 4419				Sample Date: 12/12/13		UTC Start: 234		UTC End: 401		
Shallow/Mid/Deep (circle one)		Nuts Rack: Blue		Salters Rack: G		Samplers: LR1RS1SR		Notes:				
Geotraces #:	Geotraces 09980	Geotraces 09982	Geotraces 09984	Geotraces 09986	Geotraces 09988	Geotraces 09990	Geotraces 09992	Geotraces 09994	Geotraces 09996	Geotraces 09998	Geotraces 10000	GEOTRACES 10010
GoFlo Number:	2	4	6	8	10	16	18	24	26	28	30	36
Depth (m):	1500	1250	1000	850	600	450	335	200	130	95	60	30
Filter Holder #:	29	30	31	32	33	34	35	36	37	38	39	40
Filter diameter:	25mm											→
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

## Filtered Volume (L)

Waste:	8.41	8.02	8.04	8.32	8.03	8.00	7.75	8.33	6.40	5.55	3.39	1.80
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:	10.66	10.27	10.29	10.57	10.28	10.25	10.00	10.58	8.65	7.80	5.64	4.05
Start Time:	448	447	446	445	444	442	441	440	429	428	428	427
End Time:	626	625	622	625	627	619	622	622	629	628	628	627

## • 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
Gutter (Nnuts)	1 x 125mL
Cutter (As/Sb)	1 x 250mL
Cutter (Se)	1 x 1190mL

Notes: \*\*All filtered volume is 3.815L  
2.25L

All filters from Fish Batch (3)

10010 (30m)  
9998 (95m)