

Acropak-200 Cast Sheet

DEMI STATION

Station # Station 35
 Deep, Mid, Shallow shallow
 Cast # Cast 1
 Event # 4446
 Date 12/15/13
 ODF Salinity Box B
 ODF Nutrients Rack White

GEOTRACES 10211 GEOTRACES 10213 GEOTRACES 10215

Acropak: <u>Socrates</u>	Acropak: <u>Socrates</u>	Acropak: <u>Socrates</u>
Sampler: <u>CZ</u>	Sampler: <u>CZ</u>	Sampler: <u>CZ</u>
Depth: <u>1000</u>	Depth: <u>750</u>	Depth: <u>4105</u>
Caro Pos: <u>1</u>	Caro Pos: <u>3</u>	Caro Pos: <u>5</u>
Btl #: <u>19</u>	Btl #: <u>21</u>	Btl #: <u>29</u>
Notes:	Notes:	Notes:

Sampling Order

Pressurize GoFlo

ODF Salinity 250 mL
 ODF Nutrients 30 mL
 Casciotti - NO₃⁻ -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 10217 GEOTRACES 10219 GEOTRACES 10221

Acropak: <u>Socrates</u>	Acropak: <u>Socrates</u>	Acropak: <u>Socrates</u>
Sampler: <u>CZ</u>	Sampler: <u>CZ</u>	Sampler: <u>CZ</u>
Depth: <u>360</u>	Depth: <u>320</u>	Depth: <u>280</u>
Caro Pos: <u>7</u>	Caro Pos: <u>9</u>	Caro Pos: <u>11</u>
Btl #: <u>31</u>	Btl #: <u>33</u>	Btl #: <u>37</u>
Notes:	Notes:	Notes:

GEOTRACES 10223 GEOTRACES 10225 GEOTRACES 10227

Acropak: <u>Plate</u>	Acropak: <u>Plate</u>	Acropak: <u>Plate</u>
Sampler: <u>CP</u>	Sampler: <u>CP</u>	Sampler: <u>CP</u>
Depth: <u>200</u>	Depth: <u>150</u>	Depth: <u>105</u>
Caro Pos: <u>13</u>	Caro Pos: <u>15</u>	Caro Pos: <u>17</u>
Btl #: <u>1</u>	Btl #: <u>3</u>	Btl #: <u>5</u>
Notes:	Notes:	Notes:

GEOTRACES 10229 GEOTRACES 10231 GEOTRACES 10233

Acropak: <u>Plate</u>	Acropak: <u>Plate</u>	Acropak: <u>Plate</u>
Sampler: <u>CP</u>	Sampler: <u>CP</u>	Sampler: <u>CP</u>
Depth: <u>65</u>	Depth: <u>45</u>	Depth: <u>30</u>
Caro Pos: <u>19</u>	Caro Pos: <u>21</u>	Caro Pos: <u>23</u>
Btl #: <u>7</u>	Btl #: <u>11</u>	Btl #: <u>13</u>
Notes:	Notes:	Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date:

UTC Start: 1143

12/15/13

UTC End: 1250

Station/Cast: Station 35 Cast 1		GT Event #: 4446					Samplers: LR/SR		Notes: Chl max = 65m				
Shallow/Mid/Deep Demi (circle one)		Nuts Rack: White			Salts Rack: B								
Geotraces #:	GEOTRACES 10212	GEOTRACES 10214	GEOTRACES 10216	GEOTRACES 10218	GEOTRACES 10220	GEOTRACES 10222	GEOTRACES 10224	GEOTRACES 10226	GEOTRACES 10228	GEOTRACES 10230	GEOTRACES 10232	GEOTRACES 10234	
GoFlo Number:	2	4	6	8	10	16	18	24	26	28	30	36	
Depth (m):	1000	750	465	360	320	280	200	150	105	65	45	30	
Filter Holder #:	40	39	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:	8.61	8.04	8.40	8.65	8.24	8.45	7.99	8.02	6.44	4.29	2.18	1.91
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:												
Start Time:	1324	1323	1322	1321	1320	1319	1318	1317	1316	1316	1315	1314
End Time:	1503	1456	1458	1503	1503	1503	1456	1517	1516	1516	1505	1515

- 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
10234 → 10230