

**Acropak-200 Cast Sheet**

**DEMI STATION**

Station # Station 29  
 Deep, Mid, Shallow shallow  
 Cast # Cast 1  
 Event # 4375  
 Date 12/8/13  
 ODF Salinity Box F  
 ODF Nutrients Rack Purple

**Geotraces 9689**

Acropak: Mars  
 Sampler: CZ  
 Depth: 1000  
 Caro Pos: 1  
 Btl #: 24  
 Notes:

**Geotraces 9691**

Acropak: Mars  
 Sampler: CZ  
 Depth: 865  
 Caro Pos: 3  
 Btl #: 26  
 Notes:

**Geotraces 9693**

Acropak: Mars  
 Sampler: CZ  
 Depth: 625  
 Caro Pos: 5  
 Btl #: 28  
 Notes:

**Sampling Order**

*Pressurize GoFlo*

ODF Salinity 250 mL  
 ODF Nutrients 30 mL  
 Casciotti - NO<sub>3</sub><sup>-</sup> - 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 9695**

Acropak: Mars  
 Sampler: CZ  
 Depth: 450  
 Caro Pos: 7  
 Btl #: 30  
 Notes:

**Geotraces 9697**

Acropak: Mars  
 Sampler: CZ  
 Depth: 325  
 Caro Pos: 9  
 Btl #: 36  
 Notes:

**Geotraces 9699**

Acropak: Mars  
 Sampler: CZ  
 Depth: 230  
 Caro Pos: 11  
 Btl #: 2  
 Notes:

**Geotraces 9701**

Acropak: Catalina  
 Sampler: CP  
 Depth: 150  
 Caro Pos: 13  
 Btl #: 4  
 Notes:

**Geotraces 9703**

Acropak: Catalina  
 Sampler: CP  
 Depth: 95  
 Caro Pos: 15  
 Btl #: 6  
 Notes:

**Geotraces 9705**

Acropak: Catalina  
 Sampler: CP  
 Depth: 75  
 Caro Pos: 17  
 Btl #: 8  
 Notes:

**Geotraces 9707**

Acropak: Catalina  
 Sampler: CP  
 Depth: 65  
 Caro Pos: 19  
 Btl #: 10  
 Notes:

**Geotraces 9709**

Acropak: Catalina  
 Sampler: CP  
 Depth: 40  
 Caro Pos: 21  
 Btl #: 16  
 Notes:

**Geotraces 9711**

Acropak: Catalina  
 Sampler: CP  
 Depth: 20  
 Caro Pos: 23  
 Btl #: 18  
 Notes:

# Geotraces R/V Thompson Membrane Sample Log

Sample Date:

UTC Start: 2353

12/8/13

UTC End: 0101

Station/Cast: <u>Station 29 Cast 1</u>		GT Event #: <u>4375</u>					Samplers: <u>LR1RS1SR</u>		Notes:			
Shallow/Mid/Deep <u>Demi</u> (circle one)		Nuts Rack: <u>purple</u>		Salts Rack: <u>F</u>								
Geotraces #:	Geotraces 9690	Geotraces 9692	Geotraces 9694	Geotraces 9696	Geotraces 9698	Geotraces 9700	Geotraces 9702	Geotraces 9704	Geotraces 9706	Geotraces 9708	Geotraces 9710	Geotraces 9712
GoFlo Number:	1	3	5	7	11	13	19	21	29	31	33	37
Depth (m):	1000	865	625	450	325	230	150	95	75	65	40	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:	8.44	8.31	8.28	8.35	8.28	8.27	7.32	5.86	2.37	1.16	1.23	1.54
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:	0.89	10.56	10.53	10.60	10.53	10.52	9.57	8.11	4.62	3.41	3.48	3.79
Start Time:	136	135	134	133	132	131	130	130	129	128	127	126
End Time:	317	308	312	311	313	0306	330	330	329	328	327	326

## • 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 <sup>250</sup> 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
jelly-like larvae on <del>31</del> FH#31
→ 9712 9704