

Acropak-200 Cast Sheet

SUPER STATION

Station # Station 36
 Deep, Mid, Shallow, Mid
 Cast # Cast #9
 Event # 4467
 Date 12/17/13
 ODF Salinity Box B
 ODF Nutrients Rack Black

Sampling Order

ODF Salinity 250 mL
 ODF Nutrients 30 mL
 Resing - Unfiltered 100 mL
 Resing - Al 100 mL
 Resing - Mn 100 mL
 Saito, CO no headspace 2 x 60mL
 Shiller - Ga 125 mL
 Moffett - ~~Fe(H)~~ Total Fe 30 mL
 Sedwick - dFe 2 x 125mL
 Barbeau - Cu sp freeze 900 mL
 Buck - Fe sp freeze 450 mL
 Bruland - metals 500 mL
 Wu - metals 500 mL
 Wu - colloids 500 mL
~~Plegat - Pb shallow 1000 mL~~
~~Boyle - Pb mid/deep 2000 mL~~
~~John - isos shallow 4000 mL~~
 John - isos mid/deep 1000 mL

* Sample for Plegat - 10386

GEOTRACES 10364

Acropak: ^{Wander} women
 Sampler: C7
 Depth: 2700
 Caro Pos: 1
 Btl #: 31
 Notes:

GEOTRACES 10366

Acropak: ^{Wander} women
 Sampler: C7
 Depth: 2600
 Caro Pos: 3
 Btl #: 33
 Notes:

GEOTRACES 10368

Acropak: ^{Wander} women
 Sampler: C7
 Depth: 2500
 Caro Pos: 5
 Btl #: 37
 Notes:

GEOTRACES 10370

Acropak: ^{Wander} women
 Sampler: CZ
 Depth: 2400
 Caro Pos: 7
 Btl #: 1
 Notes:

GEOTRACES 10372

Acropak: ^{Wander} women
 Sampler: CZ
 Depth: 2300
 Caro Pos: 9
 Btl #: 3
 Notes:

GEOTRACES 10374

Acropak: ^{Wander} women
 Sampler: CZ
 Depth: 2200
 Caro Pos: 11
 Btl #: 5
 Notes:

GEOTRACES 10376

Acropak: ^{Super} girl
 Sampler: CP
 Depth: 2100
 Caro Pos: 13
 Btl #: 7
 Notes:

GEOTRACES 10378

Acropak: ^{Super} girl
 Sampler: CP
 Depth: 2000
 Caro Pos: 15
 Btl #: 11
 Notes:

GEOTRACES 10380

Acropak: ^{Super} girl
 Sampler: CP
 Depth: 1750
 Caro Pos: 17
 Btl #: 13
 Notes:

GEOTRACES 10382

Acropak: ^{Super} girl
 Sampler: CP
 Depth: 1500
 Caro Pos: 19
 Btl #: 19
 Notes:

GEOTRACES 10384

Acropak: ^{Super} girl
 Sampler: CP
 Depth: 1250
 Caro Pos: 21
 Btl #: 21
 Notes:

GEOTRACES 10386

Acropak: ^{Super} girl
 Sampler: CP
 Depth: 1000
 Caro Pos: 23
 Btl #: 29
 Notes:

* Sample for Plegat

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 12/17/13
 UTC Start: 0714
 UTC End: 0932

Station/Cast: Station 36 Cast 9
 GT Event #: 4467
 Shallow/Mid/Deep (circle one): Mid
 Nuts Rack: Black
 Salts Rack: B
 Samplers: LR/RS/SR
 Notes:

Geotraces #:	GEOTRACES 10365	GEOTRACES 10367	GEOTRACES 10369	GEOTRACES 10371	GEOTRACES 10373	GEOTRACES 10375	GEOTRACES 10377	GEOTRACES 10379	GEOTRACES 10381	GEOTRACES 10383	GEOTRACES 10385	GEOTRACES 10387
GoFlo Number:	2	4	6	8	10	16	18	24	26	28	30	36
Depth (m):	2700	2600	2500	2400	2300	2200	2100	2000	1750	1500	1250	1000
Filter Holder #:	1	2	3	4		6	7	8	9	10	11	12
Filter diameter:	25mm											
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

Filtered Volume (L) *												
Waste:	4.37	7.62	6.66	8.18		6.67	6.34	8.06	6.54	8.06	6.56	6.22
Drawn:	3.69	2.50	3.69	2.50		3.69	3.69	2.50	3.69	2.50	3.69	2.50
Total:	8.06	10.12	10.35	10.68		10.36	10.03	10.56	10.23	10.56	10.25	8.72
Start Time:	1012	1010	1009	1008		1011	1008	1009	1010	1011	1012	1013
End Time:	1134	1151	1155	1155		1155	1150	1158	1151	1156	1154	1132

*PB
 Brake Spigot "demint" (rs)
 *se taken *PB

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
 3.69 ~ 2.50
 * Syringes taken on 10373 - Broke during shaking ODF
 prouss blanks 10387, FH# 27, 1.54L
 10365, FH# 13, 2.0L
 both taken using new aeropes
 All Filters from Fish Batch (4)
 Only taken @ 10365, 10369, 10375, 10377, 10381, 10385