



30-ODF Sample Log (EPZT – Super/Full “Regular”) Page 1 of 2

Event #: 4303	Date: 11/29/13	Oxy Box: G	Salt Box: B
Station #: 23	UTC Time (Cast Up): 18:48	Nut Box: green	Trit Box: Q050
Cast #: 10 ODF-deep w/corer	UTC Time (Sampling Done): 19:53		

Niskin	Nominal Depth	Geotrace Number	Unfiltered			Unfiltered			Resing Mn	Bates DIC	Unfiltered			(Nisk)	
			Fine CFCs	Jenkins 3He	Altabet N2/Ar	ODF Oxy	OxyT	Casc. N2O			Jenkins 14C-13C	ODF Nuts	ODF Salt		Jenkins 3H
CORER	X	9097	X	X	X	X	X	X	X	X	X	X	X	X	“13”
1	3450	9098	1	1✓	1	1775	5.0	1	X	417	404	1✓	1✓	1	1
2	3350#d	9099	2	2✓	2	1715	5.8	2	X	X	X	2✓	2✓	X	2
3	3300#d	9100	3	3✓	3	1087	5.0	3	X	418	405	3✓	3✓	X	3
4	3200	9101	4	4✓	4	1689	6.0	4	X	X	X	4✓	4✓	X	4
5	3100	9102	5	5✓	5	1842	4.6	5	X	419	325	5✓	5✓	X	5
6	3000#d	9103	6	6✓	6	1392	5.6	6	X	X	X	6✓	6✓	X	6
7	2900	9104	7	7✓	7	1838	6.0	7	X	420	356	7✓	7✓	X	7
8	2800#d	9105	8	8✓	8	627	5.4	8	X	X	X	8✓	8✓	X	8
9	2700	9106	9	9✓	9	1718	6.5	9	X	421	450	9✓	9✓	X	9
10	2600	9107	10	10✓	10	1170	7.0	10	X	X	X	10✓	10✓	X	10
11	2550	9108	11	11✓	11	1717	7.5	11	X	422	357	11✓	11✓	X	11
12	2500	9109	12	12✓	12	1309	7.6	12	X	X	X	12	12	X	12
FISH	2	X	X	X	X	X	X	X	X	X	X	X	X	X	“25”
Approx. Volume (L):			1	1	0.5	1	-	-	1	1.2	0.8	0.3	0.5	1	
Sampler's Initials:			JH	BL	BP	MM	-	BP	X	(JH+BL)	←MM→	BL			

Comments:

Depth where McLane pumps were deployed

* Oxy-T on NISKIN MAY BE ARTIFICIALLY LOW?

(pg.1) 8.3
(pg.2) 18.5
Total Volume (L): 26.8



ODF Rosette Sample Log (EPZT – Super/Full) Pena/Fleisher Page 2 of 2

Event #: 4303			Date: 11/29/13										
Station #: 23			UTC Time (Cast Up): 18:48										
Cast #: 10 ODF-deep w/corer			UTC Time (Sampling Done): 2045										
Niskin	Nominal Depth	Geotracess Number	Filt.*	Filtered Acropak capsule**									Niskin
			Carlson DOC	Casciotti 15N-Nitrite	Casciotti 15N-Nitrate	Lamborg Thiols	Brzezinski Si-Isotopes	Anderson Th/Pa	Pena Nd/REE	LDEO Archive	Acropak Capsule #		
CORER		9097	X	X	X	X	X	X	X	X	X	X	"13"
1	3450	9098	v	v	v	X	1 liter	3012	3013	3014	P-025	1	
2	3350#d	9099	v	v	v	X	1 liter	3009	3010	3011	P-026	2	
3	3300#d	9100	v	v	v	X	1 liter	3006	3007	3008	P-027	3	
4	3200	9101	v	v	v	X	1 liter	X	X	X	P-028	4	
5	3100	9102	v	v	v	X	1 liter	3003	3004	3005	P-029	5	
6	3000#d	9103	v	v	v	X	1 liter	3000	3001	3002	P-030	6	
7	2900	9104	v	v	v	X	1 liter	X	X	X	P-031	7	
8	2800#d	9105	v	v	v	X	1 liter	2998	2999	3280	P-032	8	
9	2700	9106	v	v	v	X	1 liter	X	X	X	P-033	9	
10	2600	9107	v	v	v	X	1 liter	2995	2996	2997	P-034	10	
11	2550	9108	v	v	v	X	1 liter	X	X	X	P-035	11	
12	2500	9109	v	v	v	X	1 liter	2992	2993	2994	P-036	12	
FISH	X	X	X	X	X	X	X	X	X	X	X	"25"	
Approx. Volume (L):			0.1	0.1	0.3	0.2	1.2	5.2	5.2	5.2	5.2		
Sampler's Initials:			MF/LP	MF/LP	MF/LP	MF/LP	MF/LP	MF/LP	MF/LP	MF/LP	MF/LP		

* Carlson Filters: pre-combusted GFF (47mm diam./~1µm)

** Acropak 500 capsules: Supor 0.8/0.45µm membranes

Depth where McLane pumps were deployed

Comments: 2974 and 2978 have less sample volume than their replicates, use for archives-

Brzezinski Si Thiols
1 liter
X

Total Volume (L): 17.5

#s	shallow pump
#m	mid pump
#d	deep pump

this is comnt for 23/6 shallow
Btl. 3 was sampled
for DOC + Casciotti samples
(fixed in db - MGF)

MGF

MGF