

U.S. GEOTRACES

## 30-ODF Sample Log (EPZT - Super/Full "Regular") Page 1 of 2

Event #: 4298		Date: 11/28/13 11/29/13		Oxy Box: D		Salt Box: L									
Station #: 23		UTC Time (Cast Up): 03h 26		Nut Box: green		Trit Box: Q411									
Cast #: 6 ODF-shallow		UTC Time (Sampling Done): 04h 44													
Niskin	Nominal Depth	Geotraces Number	Unfiltered	Unfiltered	Unfiltered	Unfiltered	(Nisk)								
			Fine CFCs	Jenkins 3He	Altabet N2/Ar	ODF Oxy	OxyT	Casc. N2O	Resing Mn	Bates DIC	Jenkins 14C-13C	ODF Nuts	ODF Salt	Jenkins 3H	
CORER	X	X	X	X	X	X	X	X	X	X	X	X	X	X	"13"
1	1000	9047	1	1R✓	1	1060	10.4	1		406	3279	1✓	25✓	1	1
2	750#d	9048	2	2✓	2	1515	9.6	2		407	3285	2✓	26✓	2	2
3	500#s	9049	3	3✓	3	707	10.7	3		408	353	3✓	27✓	3	3
4	350#s	9050	4	4✓	4	1297	12.9	4		409	85	4✓	28✓	4	4
5	290	9051	5	5✓	5	1844	14.7	5		410	360	5✓	29✓	5	5
6	230#s	9052	6	6✓	6	1796	17.6	6		411	125	6✓	30✓	6	6
7	180	9053	7	7✓	7	1602	19.5	7		412	409	7✓	31✓	7	7
8	120#s	9054	8,9	8✓	8	1220	21.7	8		413	79	8✓	32✓	8	8
<del>9</del>	<del>90</del>	<del>9055</del>	<del>10</del>	<del>10✓</del>	<del>10</del>	<del>1761</del>	<del>23.0</del>	<del>10</del>		<del>414</del>	<del>401</del>	<del>10✓</del>	<del>34✓</del>	<del>10</del>	<del>10</del>
10	75#s	9056	10	10✓	10	1761	23.0	10		414	401	10✓	34✓	10	10
11	50#s	9057	11	11✓	11	1027	23.6	11		415	95	11✓	35✓	11	11
12	20#s	9058	12	12✓	12	1089	23.9	12		416	350	12✓	36✓	12	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:															
Comments:															
# Depth where McLane pumps were deployed															
NISKIN 9 ⇒ LANYARD CAUGHT ON "SPARE" ADDITIONAL LATCH ⇒ LATCH 9 TRIPPED, BOTTLE DID NOT CLOSE															
NISKIN 1 ⇒ RETAKE FOR He3															
												(pg.1)	8.3		
												(pg.2)	18.5		
												Total Volume (L):	26.8		

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

Event #: 4298			Date: 11/28/13 11/29/13									
Station #: 23			UTC Time (Cast Up):									
Cast #: 6 ODF-shallow			UTC Time (Sampling Done): 05:45									
			Filt.*	Filtered Acropak capsule**								
Niskin	Nominal Depth	Geotraces Number	Carlson DOC	Casciotti 15N-Nitrite	Casciotti 15N-Nitrate	Lamborg Thiols	Brzezinski Si-Isotopes	Anderson Th/Pa	Pena Nd/REE	LDEO Archive	Acropak Capsule #	Niskin
CORER	X	X	X	X	X	X	X	X	X	X	X	"13"
1	1000	9047	✓	✓	✓	X	2 liter	2989	2990	2991	P-001	1
2	750#d	9048	✓	✓	✓	X	2 liter	2986	2987	2988	P-002	2
3	500#s	9049	✓	✓	✓	X	2 liter	2983	2984	2985	P-003	3
4	350#s	9050	✓	✓	✓	X	2 liter	2980	2981	2982	P-004	4
5	290	9051	✓	✓	✓	X	2 liter	X	X	X	P-005	5
6	230#s	9052	✓	✓	✓	X	2 liter	2977	2978	2979	P-006	6
7	180	9053	✓	✓	✓	X	2 liter	X	X	X	P-007	7
8	120#s	9054	✓	✓	✓	X	2 liter	2974	2975	2976	P-008	8
9	90	9055	✓	✓	✓	X	2 liter	X	X	X	P-009	9
10	75#s	9056	✓	✓	✓	X	2 liter	2971	2972	2973	P-010	10
11	50#s	9057	✓	✓	✓	X	2 liter	2968	2969	2970	P-011	11
12	20#s	9058	✓	✓	✓	X	2 liter	X	X	X	P-012	12
FISH	2	X	✓	X	X	X	X	2965	2966	2967	X	"25"
Approx. Volume (L):			0.1	0.1	0.3	0.2	2.2	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		

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

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

# Depth where McLane pumps were deployed

Comments: Fish is GT#

6# 9 did not trip

①

2974 and 2978 have less sample volume than their replicates, used for archives.

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MSF

Brzezinski Si  
Thiols2 liter  
X

Total Volume (L): 18.5

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