



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

Event #: 4399	Date: 12/09/13	Oxy Box: A D	Salt Box: H F
Station #: 30	UTC Time (Cast Up): 00h14 on 12/10/13	Nut Box: White BLUE	Trit Box: X
Cast #: 11 ODF-deep w/corer	UTC Time (Sampling Done): 01h06		

Niskin	Nominal Depth	Geotraces Number	Unfiltered			Unfiltered			Unfiltered			(Nisk)			
			Fine CFCs	Jenkins 3He	Altabet N2/Ar	ODF Oxy	OxyT	Casc. N2O	Bates DIC	Jenkins 14C-13C	ODF Nuts		ODF Salt	Jenkins 3H	
CORER	X	9867	X	X	X	X	X	X	X	X	X	X	X	X	"13"
1	4050	9868	1	1✓	1	1155	4.0	X	551	305	1✓	1✓	X	1	
2	3900	9869	2	2✓	2	1769	8.9	X	X	3148	2✓	2✓	X	2	
3	3750	9870	3	3✓	3	1724	6.0	X	552	3387	3✓	3✓	X	3	
4	3500	9871	4	4✓	4	1732	6.2	X	X	126	4✓	4✓	X	4	
5	3250	9872	5	5✓	5	1510	7.3	X	553	3406	5✓	5✓	X	5	
6	3000	9873	6	6✓	6	1726	9.2	X	X	3400	6✓	6✓	X	6	
7	2900	9874	7	7✓H	7	1022	9.6	X	554	3419	7✓	7✓	X	7	
8	2800	9875	8	8✓	8	1688	9.5	X	X	145	8✓	8✓	X	8	
9	2700	9876	9	9H✓	9	1653	9.8	X	555	140	9✓	9✓	X	9	
10	2650	9877	10	10✓	10	1138	10.2	X	X	3410	10✓	10✓	X	10	
11	2600	9878	11	11H✓	11	1460	10.3	X	556	153	11✓	11✓	X	11	
12	2550	9879	12	12R✓	12	1687	10.7	X	X	3414	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	SMB	-	X		← JH →	← BL →	← SMB →	X		

Comments:

Depth where McLane pumps were deployed

*H = HALF-TAKE for ³He on NISKIN # 7, 9, 11

*R = RE-TAKE for ³He on NISKIN 12

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

U.S. GEOTRACES

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

Event #: 4399			Date: 12/09/13									
Station #: 30			UTC Time (Cast Up):									
Cast #: 11 ODF-deep w/corer			UTC Time (Sampling Done): 02:00 10 Dec									
			Filt.*	Filtered Acropak capsule**								
Niskin	Nominal Depth	Geotrace 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		9867	X	X	X	X	X	X	X	X	X	"13"
1	4050#d	9868	✓	✓	✓	X	X	2442	2443	2444	P-025	1
2	3900#d	9869	✓	✓	✓	X	X	2439	2440	2441	P-026	2
3	3750	9870	✓	✓	✓	X	X	2436	2437	2438	P-027	3
4	3500#d	9871	✓	✓	✓	X	X	2433	2434	2435	P-028	4
5	3250	9872	✓	✓	✓	X	X	X	X	X	P-029	5
6	3000#d	9873	✓	✓	✓	X	X	2430	2431	2432	P-030	6
7	2900	9874	✓	✓	✓	X	X	X	X	X	P-031	7
8	2800	9875	✓	✓	✓	X	X	X	X	X	P-032	8
9	2700#d	9876	✓	✓	✓	X	X	2427	2428	2429	P-033	9
10	2650	9877	✓	✓	✓	X	X	X	X	X	P-034	10
11	2600	9878	✓	✓	✓	X	X	2424	2425	2426	P-035	11
12	2550	9879	✓	✓	✓	X	X	2421	2422	2423	P-036	12
FISH	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		
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:

Brzezinski Si
ThiolsX
X

Total Volume (L): 17.5

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