

U.S. GEOTRACES

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

Event #: 4087 4096		Date: 11/07/13		Oxy Box: D		Salt Box: L											
Station: 7		UTC Time (Cast Up): 03:23		Nut Box: blue		Trit Box: N/A											
Cast: 10 12		UTC Time (Sampling Done): 04:30															
Niskin	Nominal Depth	Geotraces Number	Unfiltered	Jenkins	Altabet	Unfiltered	Unfiltered										
			Fine CFCs	3He	N2/Ar	ODF Oxy	OxyT										
						Casc. N2O	Bates DIC										
						Jenkins 14C-13C	ODF Nuts										
						ODF Salt	Jenkins 3H										
							(Nisk)										
CORER		3267				1155											"13"
1	4550#	3255	1	1 <sup>(R)</sup>	1	1155	4.3	1	117	3198	1 ✓	25 ✓					1
2	4500#	3256	2	2 ✓	2	1709	4.1	2			2 ✓	26 ✓					2
3	4375	3257	3	3 ✓	3	1724	4.2	3	118	3185	3 ✓	27 ✓					3
4	4250	3258	4	4 ✓	4	1732	4.2	4			4 ✓	28 ✓					4
5	4000#	3259	5	5 ✓	5	1510	4.4	5	119	3192	5 ✓	29 ✓					5
6	3750	3260	6	6 ✓	6	1726	4.6	6			6 ✓	30 ✓					6
7	3625#	3261	7	7 ✓	7	1022	4.6	7	120	3186	7 ✓	31 ✓					7
8	3500	3262	8	8 ✓	8	1688	4.7	8			8 ✓	32 ✓					8
9	3250	3263	9	9 ✓	9	1653	4.6	9	121	3180	9 ✓	33 ✓					9
10	3000#	3264	10	10 ✓	10	1138	4.7	10			10 ✓	34 ✓					10
11	2750	3265	11	11 ✓	11	1400	4.8	11	122	3199	11 ✓	35 ✓					11
12	2500	3266				1687											12
FISH	2	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	-	BP	(JH+BL)	(SMB+BP)							
Comments:																	
# Depth where McLane pumps were deployed																	
→ BOTTLE 12 DID NOT FIRE, DESPITE CONFIRMATION @ CONSOLE.																	
* 3He on #1 IS A RE-TAKE																	
BOTTLE 3 ⇒ BOTTOM CAP LEAK @ CFC SAMPLING																	
BOTTLE 11 ⇒ BOTTOM CAP LEAK @ CFC SAMPLING																	

(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

U.S. GEOTRACES

Event #: 4096			Date: 11/07/13									
Station: #7			UTC Time (Cast Up): 03:23									
Cast: #12			UTC Time (Sampling Done): 05350									
			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		Niskin
CORER		3267	X	X	X	X	X	X	X	X	X	"13"
1	4550#	3255	✓	✓	✓	X	✓	1980	1981	1982	LDF-123	1
2	4500#	3256	✓	✓	✓	X	✓	1977	1978	1979	LDF-122	2
3	4375	3257	✓	✓	✓	X	✓	1974	1975	1976	LDF-121	3
4	4250	3258	✓	✓	✓	X	✓	1971	1972	1973	LDF-120	4
5	4000#	3259	✓	✓	✓	X	✓	1968	1969	1970	LDF-119	5
6	3750	3260	✓	✓	✓	X	✓	X	X	X	LDF-118	6
7	3625#	3261	✓	✓	✓	X	✓	1965	1966	1967	LDF-117	7
8	3500	3262	✓	✓	✓	X	✓	X	X	X	LDF-116	8
9	3250	3263	✓	✓	✓	X	✓	X	X	X	LDF-115	9
10	3000#	3264	✓	✓	✓	X	✓	1962	1963	1964	LDF-114	10
11	2750	3265	✓	✓	✓	X	✓	X	X	X	LDF-113	11
<del>12</del>	<del>2500</del>	<del>3266</del>	<del>✓</del>	<del>✓</del>	<del>✓</del>	<del>X</del>	<del>✓</del>	<del>1959</del>	<del>1960</del>	<del>1961</del>	<del>LDF-112</del>	<del>12</del>
FISH	X	X	X	X	X	X	X	X	X	X	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:

#12 bottle did not fire  
core was 23cm in length

Total Volume (L): 18.5