



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

Event #: 4224			Date: 11/20/13						Oxy Box: D			Salt Box: B				
Station #: 17			UTC Time (Cast Up): 03:16						Nut Box: black			Trit Box: N/A				
Cast #: 30 ODF-deep			UTC Time (Sampling Done): 04:26 (UF SAMPLES)													
Niskin	Nominal Depth	Geotraces Number	Unfiltered			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	8395	X	X	X	X	X	X	X	X	X	X	X	X	X	“13”
1	3685	8383	1	1✓	1	1155	4.7		1	301	4264	11✓	1✓			1
LEAK 2	3675#d	8384	2	2R✓	2	1769	4.8		2			12✓	2✓			2
3	3650	8385	3	3✓	3	1724	4.8		3	302	4258	13✓	3✓			3
4	3600	8386	4	4R✓	4	1732	5.0		4			14✓	4✓			4
5	3400	8387	5	5✓	5	1510	5.1		5	303	4252	15✓	5✓			5
6	3200	8388	6	6✓	6	1726	5.0		6			16✓	6✓			6
7	3000#d	8389	7	7✓	7	1622	5.2		7	304	73	17✓	7✓			7
8	2900	8390	8	8✓	8	1688	5.1		8			18✓	8✓			8
9	2800	8391	9	9✓	9	1653	5.1		9	305	4263	19✓	9✓			9
10	2700#d	8392	10	10✓	10	1138	5.1		10			20✓	10✓			10
11	2600#d	8393	11	11✓	11	1460	5.3		11	306	4257	21✓	11✓			11
12	2500	8394	12	12✓	12	1687	5.5		12			22✓	12✓			12
FISH	2	X	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	-		BP	(JH+BL)						
Comments:																
# Depth where McLane pumps were deployed																
NISKIN 2: LEAK @ CFC draw; Retake on 3He, too; Nipple on 2 broken (by BL?)																
NISKIN 4: RETAKE ON 3He																
												(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 #: 4223 ⁴		Date: 11/20/13											
Station #: 17		UTC Time (Cast Up):											
Cast #: 9 ODF-deep <i>w/ coaser</i>		UTC Time (Sampling Done): 0520											
		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		8395	X	X	X	X	X	X	X	X	X	"13"	
1	3685	8383	✓	✓	✓	X	X	2388	2389	2390	LDF-123	1	
2	3675#d	8384	✓	✓	✓	X	X	2385	2386	2387	LDF-122	2	
3	3650	8385	✓	✓	✓	X	X	X	X	X	LDF-121	3	
4	3600	8386	✓	✓	✓	X	X	2382	2383	2384	LDF-120	4	
5	3400	8387	✓	✓	✓	X	X	X	X	X	LDF-119	5	
6	3200	8388	✓	✓	✓	X	X	2379	2380	2381	LDF-118	6	
7	3000#d	8389	✓	✓	✓	X	X	2376	2377	2378	LDF-117	7	
8	2900	8390	✓	✓	✓	X	X	X	X	X	LDF-116	8	
9	2800	8391	✓	✓	✓	X	X	X	X	X	LDF-115	9	
10	2700#d	8392	✓	✓	✓	X	X	2373	2374	2375	LDF-114	10	
11	2600#d	8393	✓	✓	✓	X	X	2370	2371	2372	LDF-113	11	
12	2500	8394	✓	✓	✓	X	X	2367	2368	2369	LDF-112	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			
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 X
Thiols X

Total Volume (L): 17.5

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