

# 30-ODF Sample Log (EPZT Pigments + U-Th-Ra)

**U.S. GEOTRACES**

Event #: 4054 Date: 11/2/13  
 Station: 004 UTC Time (Cast Up): 13:05 Oxy Box: G  
 Cast: 02 UTC Time (Sampling Done): 15:09 Nut Box: BLACK  
 Salt Box: G

Niskin	Nominal Depth	Geotraces Number	Unfiltered		Unfiltered		Unfiltered			Unfiltered		(Nisk)	
			Fine CFCs	Jenkins 3He	ODF Oxygen	Oxy T	ODF Nuts	ODF Salt	Cutter Pigments	Buesseler 234Th	Charette Radium		
1	675	2368			1783	7.3							
2	500	2369		1643	8.4	1		1		✓	* ✓	1	
3	300	2370		1839	10.9	2		2		✓	* ✓	2	
4	200	2371		1094	12.4	3		3		✓	* ✓	3	
5	110	2372		617	13.2	4		4		✓	* ✓	4	
6	65	2373		1840	16.9	5		5		✓	* ✓	5	
7	48	2374		1045	13.8	6		6		✓	* ✓	6	
8	38	2375		1454	14.8	7		7		✓	* ✓	7	
9	20	2376		1841	15.6	8		8		✓	* ✓	8	
10	12	2377		1627	16.8	9		9		✓	* ✓	9	
11	6	2378		1049	17.0	10		10		✓	* ✓	10	
12	0	2379		12	✓	1055		17.1	12	12	✓	* ✓	11
FISH	2						3175	12	12	12	12	12	
							11/2/13	3H					(25)
Approx. Volume (L):			1	1	1	--		0.3	0.5	4	4.5	Remainder	
Sampler's Initials:						--							

MIS-TRIP?

Comments: RP NOTED ONE POSSIBLE MIS-TRIP @ SURFACE? Total Volume (L): 12.3  
 MM ⇒ NISKIN 6 SHOWS ANOMALOUS T<sup>o</sup> & VISUAL OXY ⇒ TRIPPED @ SURFACE?