Cruise: HYDROSTATION 1202 AE1214				Leg: 1		Cast: CTD# 4: HS1202 C1.HEX				Type: O-SEAFLOOR HYDROSTATION'S DEEP CAST							
Date: 28th JUNE 2012			Time: 2131	Lat: 32° 09.9957 N			Long: 64° 29.8506 W			Samplers: JAMES SAYLOR, SAM MUNK, JOSEPH WARD							
Date: 28th JUNE 2012			Time: 0016	Lat: 32° 08.2565 N			Long: 64° 29.2382 W										
Niskin #	Depth	Niskin temp	Oxygens	DIC Bates	DIC Keeling	TOC/N	Sugars	Salts	Nuts (F=Filtered UF=unfiltered)	TDP / SRP / APA	Bact.	Virus/ Probes	POC/N vol =	Psi vol =	POP vol =	HPLC/FCM vol =	ChlA
1	600	16.1	113, 203, 204					213									
2	700	14.2	114					214									
3	800	12.1	115,					215	SF, SUF, 1UF, 1UUF								
4	900	10.9	116					216									
5	1000	9.8	117					217									
6	1200	8.9	118					218									
7	1400	6.7	119					219									
8	1600	8.4	120					220									
9	2000	8.0	121					221	SF, SUF								
10	2200	7.8	122					222									
11	2600	7.3	123					223, 227									
12	3000	6.9	124					224, 228	SF, SUF								
13	3200	6.8	201					225, 229									
14	3443	7.4	202, 207, 208					226, 230									
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Cruise: HYDROSTATION 120Z AE214				Leg: 1		Cast: CTD#2: HS120ZC2.HEX				Type: 0-600m, HYDROSTATION'S' SHALLOW CAST							
Date: 20120629			Time: 0123	Lat: 32°10.8909 N		Long: 64° 29.9087 W				Samplers: JAMES, JOE, SAM							
Date: 20120629			Time: 0210	Lat: 32°10.0832 N		Long: 64° 30.0822 W											
Niskin #	Depth	Niskin temp	Oxygens	DIC Bates	DIC Keeling	TOC/N	Sugars	Salts	Nuts	TDP / SRP / APA	Bact.	Virus/ Probes	POC/N vol =	Psi vol =	POP vol =	HPLC/FCM vol =	ChlA
1	1	24.1	101, 209, 210					201									
2	10	23.9	102					202									
3	25	23.4	103					203									
4	50	22.6	104					204									
5	75	21.3	105					205									
6	100	20.7	106					206									
7	150	20.4	107					207									
8	200	20.2	108					208									
9	250	19.8	109					209									
10	300	19.4	110					210									
11	400	18.9	111					211									
12	500	18.1	112					212									
13	800	13.9	205, 206, 209														
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Cruise: HYDROSTATION 1202 AE1214	Leg: 1	Cast: CTD#3: HS1202C3.HEX	Type: CTD CAST (0-5000m) BATS SITE SS#7
Date: 20120629	Time: 0813	Lat: 31°40.0107 N	Long: 064°09.9118
Date: 20120629	Time: 0842	Lat: 31°39.7486 N	Long: 64° 09.4330.
Samplers: JAMES, JOE, SAM			

Niskin #	Depth	Niskin temp	~~Oxygens~~ LNSW	DIC Bates	DIC Keeling	TOC/N	Sugars	Salts	Nuts	TDP / SRP / APA	Bact.	Virus/ Probes	POC/N vol =	Psi vol =	POP vol =	HPLC/FCM vol =	ChlA
1	O		X														
2	O		X														
3	O		X														
4	O		X														
5	O		X														
6	O		X														
7	O		X														
8	O																
9	O																
10	O																
11	O		X														
12	O		X														
13	O		X														
14	O		X														
15	O		X														
16	O		X														
17	O		X														
18	O		X														
19	O		X														
20	O		X														
21																	
22																	
23																	
24																	