

Cruise ENTRIES		Leg: TRANSECT 2		Date: 03-AUG-04		Type: O-140m	
Date	Time	Lat	Long	Date	Time	Lat	Long
03-AUG-04	0601	35° 40.74'N	65° 32.96'W	03-AUG-04	0654	30° 40.76'N	65° 32.08'W
Niskin #	depth	Niskin temp	MC-PRODUCTS		SALS	RDP	ARCLOS
			MC-PRODUCTS	SALS			
1							
2	1		314, 116, 170	116			
3	20		"	117			
4	40		"	118		RDP	160.785
5	60		"	119		ARCLOS	46560
6	80		"	120			
7	100		"	121			
8	120		"	122			
9	140		"	123			
10							
11							
12							
13							
14							
15							
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18							
19							
20							
21							
22							
23							
24							

Cruise F0225		Leg: TRANSVERSE 2		Cruise: CTD #7		Type: 0-700m Profile	
Date: 03-AUG-04	Time: 10.41	Lat: 30° 40.78' N	Long: 65° 31.475' W	Date: 03-AUG-04	Time: 11.19	Lat: 30° 40.799' N	Long: 65° 31.032' W
riskin #	depth	Niskin temp		Station 240			
				NONE (EC OR NOT ?)			
1							
2							
3							
4							
5							
6							
7							
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9							
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23							
24							

STOP

NI

2

Cruise ED07ES		Leg: TRAVERSE 2		Case: C7043		Type: 0-700M PROFILE AT DRAGON AREA	
Date: 03-AUG-04	Time: 2214	Lat: 30° 49.051' N	Long: 65° 28.873' W	Date: 03-AUG-04	Time: 2253	Lat: 30° 49.026' N	Long: 65° 28.406' W
ribdn #	depth	Niskin temp					
1							
2							
3							
4							
5							
6							
7							
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21							
22							
23							
24							

2

65° 28'

N

2

X0418266*

Cruise EDDIES		Leg TRANSECT 2		Cast: CT014-6		Type: O-700M: Side Oceanus @ Estero #239											
Date: 04/14/04		Time: 14:05		Lat: 30° 40.77' N		Long: 65° 45.08' W											
Date: 04/14/04		Time: 15:02		Lat: 30° 41.520' N		Long: 65° 44.06' W											
N depth	Niskin temp	Oxygens		DIC	DOC	RAGE	RPM	Salts	HPLC #	HPLC #	PSI	PSI	HPLC	HPLC	BBOP	BBOP	
		O21	O22														O23
1	27.5	40	322	43	46	47	46	201	E072-32	E338	E2-06-82	E2-06-82	E2	E2			1
2	27.2	40		44	47	47	47	202		E339							2
3	26.3	40		45	48	48	48	203		E340	E2-06-84	E2-06-84					3
4	24.5	40		46	49	49	49	204		E341	E2-06-88	E2-06-88					4
5	23.8	40		47	50	50	50	205		E342	E2-06-89	E2-06-89					
6	22.4	40		48	51	51	51	206		E343	E2-06-89	E2-06-89					
7	22.1	40		49	52	52	52	207		E344	E2-06-89	E2-06-89					
8	21.7	40		50	53	53	53	208		E345	E2-06-89	E2-06-89					
9	21.7	40		51	54	54	54	209		E346	E2-06-89	E2-06-89					
10	21.2	40		52	55	55	55	210		E347	E2-06-89	E2-06-89					
11	21.4	40		53	56	56	56	211		E348	E2-06-89	E2-06-89					
12	20.3	40	323	54	57	57	57	212		E349	E2-06-89	E2-06-89					
13	19.8	40		55	58	58	58	213		E350	E2-06-89	E2-06-89					
14	17.9	40		56	59	59	59	214		E351	E2-06-89	E2-06-89					
15	16.5	40	324	57	60	60	60	215		E352	E2-06-89	E2-06-89					

Sampers: Row, Scarce, Oak, Neq, Rhonda, Courtney, Meredith, Rhonda, Spencer, Carl.

Cruise EOP123		Leg: 2444567 #2		Cast: C70 CAPR #7: X0413C7 *		Type: 0-700M: Station 239. Hyl Res T#0101	
Date:	04/AUG/04	Time:	1935	Lat:	30° 40.574' N	Long:	65° 44.681' W
Date:	04/AUG/04	Time:	2026	Lat:	30° 46.308' N	Long:	65° 43.480' W
riskin #	depth	Niskin temp	THOMAZUM (BIESSELER)		SAMPLERS: STEUS, EARL, COURTNEY + MERSONITH.		
			THOMAZUM	(BIESSELER)			
1				CARLSON			
2	160		E 348	MCS-14			
3	180		E 349	(DNA, 2R)			
4	220		E 350				
5	250		E 351				
6	300			E2-C7-B5			
7	350		F 352				
8							
9							
10							
11							
12							
13							
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21							
22							
23							
24							

Cruise EDDIES		Leg TRANSECT #2		Cast: CTD #8		Type 0-700 M CORE: X04 VCB.W STATION # 264											
Date:	04/AUG/04	Time:	03:22:05	Lat:	30° 51.53' N	Long:	65° 45.69' W										
Date:	04/AUG/04	Time:	04:28:23.02	Lat:	30° 51.91' N	Long:	65° 45.35' W										
N	depth	Niskin temp	Oxygens			DOC	POC	Nutrients	PCDN	HPLC	Nut1	Nut2	Bact.	POB	PSI	HPLC	BBOP
			O21	O22	O23												
1	1	27.6	201														
2	1																
3	20	27.5	202														
4	20																
5	40	26.3	203														
6	40																
7	60	24.9	204														
8	60																
9	80	23.6	205														
10	80	22.6	206														
11	80																
12	90	22.0	207														
13	100	21.1	208														
14	100																
15	110	20.5	209														
16	120	20.2	210														
17	120																
18	140	19.8	211														
19	140																
20	200	19.0	212														
21	200																
22	300	18.3	213														
23	500	16.6	214														
24	700	16.6	215														

Sampers: STAVE, ROD DEB, CARL / Steve P., Country, Manned.

DiC: BANS, HANSELL, HANSELL

DOC: HANSELL, HANSELL

POB: B13, B14, B15, B16, B17, B18, B19, B20, B21, B22, B23, B24

Outer Edges		Left: TRAVERSE 2.		Cast: C-70#12		X04 (SC. 12. 8		Type: 0-750M		PROJECT: STATION 364		
Date:	05/AUG/04	Time:	20.07	Lat:	31° 34' 68" N	Long:	65° 46' 016" N	Midway between station Q16				
Date:	11	Time:	20.50	Lat:	31° 34' 102" N	Long:	65° 45' 993" N					
risidn #	depth	Nisidn temp										
1												
2												
3												
4												
5												
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24												


571165

NO



Cruise EDOTIES		Leg TRANSECT #2		Cast: CTID #14 X0413C14M		Type O-700M		CORE: STATION # 289 (N.B.II #3)						
Date:	06/AUG/04	Time:	12:00	Lat:	30° 03' 42" N	Long:	65° 25' 27" W	Samplers: STENO, 100, DE8, MER, MERCURY, COURTESY						
Date:	06/AUG/04	Time:	14:00	Lat:	30° 03' 42" N	Long:	65° 25' 27" W	Nut1	Nut2	Bact. CARLSON	POC PON Vol=	PSI Vol=	HPLC Vol=	BBCP Chla
N #	depth	Niskin temp	Oxygens	DIC	DOC	NUITS	DON	POCIN	Salts					
			O21	O22	O23				HALC					
1	1	27.2	21.6			ED72	ED72	ED72	ED72					
2	1	27.2	21.7				-135	-135	-110					
3	20	25.2	21.5				-136	-136	-111					
4	20	25.2	21.5				-136	-136	-111					
5	40	23.6	21.9				-137	-137	-112					
6	40	21.8	21.4				-138	-138	-113					
7	60	21.3	21.1				-139	-139	-114					
8	60	20.8	22.2				-140	-140	-115					
9	80	20.6	22.3				-141	-141	-116					
10	80	20.4	22.4				-142	-142	-117					
11	100	20.2	30.1				-143	-143	-118					
12	110	20.1	30.2				-144	-144	-119					
13	140	19.6	30.3				-145	-145	-120					
14	140	19.2	30.4				-146	-146	-121					
15	200	17.8	30.5				-147	-147	-122					
16	200	14.1	30.6				-148	-148	-123					

Cruise: E-DATES		Leg: TRANSECT 2		Cast: CTD#1'S X0113C(S-Y)		Type: O-7004		STATION # 254 (NABZ # 4)								
Date: 06/AUG/04		Time: 13:47		Lat: 30° 51.63'N		Long: 65° 45.238'W		Samplers: STEVEN DUBB, (00), MCG, CONWAY, MURPHY								
Date: 06/AUG/04		Time: 14:51		Lat: 30° 51.950'N		Long: 65° 45.238'W		KRONOWA, STEVE, CAGL.								
N #	depth	Niskin Temp	Oxygens		DIC	DOC	DIN	Date	Subs	Nut1	Nut2	Bact.	POC PON Vol-	PSI Vol-	HPLC Vol-	BBOP Chla
			O21	O22												
1	1	27.2	307		142	150	150	ED12-10F	-122		E 433	E 2-05-82	E 2-05-82	E 2-05-82		157
2	1															157
3	20	27.5	308		142	150	150		-122		E 434					
4	20															
5	40	25.6	309		143	151	151		-122		E 435	E 2-05-82	E 2-05-82	E 2-05-82		169
6	40															169
7	60	24.6	310		144	152	152		-124		E 436	E 2-05-82	E 2-05-82	E 2-05-82		
8	60															
9	70	22.8	311		145	153	153		-126		E 437	E 2-05-82	E 2-05-82	E 2-05-82		
10	90	22.3	312		146	154	154									
11	90															
12	90	21.8	313		147	155	155		-127		E 438	E 2-05-82	E 2-05-82	E 2-05-82		168
13	100	21.6	314		148	156	156		-128							
14	100															
15	110	21.2	315		149	157	157		-129		E 439	E 2-05-82	E 2-05-82	E 2-05-82		
16	120	21.2	316		150	158	158		-130							
17	120															
18	140	20.9	317		151	159	159		-131		E 440	E 2-05-82	E 2-05-82	E 2-05-82		
19	140															
20	200	20.0	318		152	160	160		-132							
21	200															
22	300	19.2	319		153	161	161				E 441	E 2-05-82	E 2-05-82	E 2-05-82		
23	300															
24	300	16.6	320		154	162	162				E 442	E 2-05-82	E 2-05-82	E 2-05-82		

Cruise: <i>EMERG ZEMANSECT</i>		Leg: <i>TIRANUSSECT 2</i>		Crs: <i>C70 #10</i>		Type: <i>0-700m PROFILES - PITS RECOVERY</i>	
Date: <i>9/14/04</i>	Time: <i>0704</i>	Lat: <i>30° 41.998' N</i>	Long: <i>66° 24.37' W</i>	Lat: <i>30° 41.298' N</i>	Long: <i>66° 24.150' W</i>	Samplers:	
riskin #	depth	Niskin temp	<i>WANG</i> 				
1							
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22							
23							
24							

BR
SS

MS

Cruiser EDP/ES		Leg 7240357 #2		Casi: C70 #18		Type		Station # 214								
Date: 9/14/04		Time: 19.55		Lat: 30° 29.28' N		Long: 65° 45.99' W		Samplers: Stone, Dab, Rensley, Meg, Stenap, Conl.								
Date: 9/14/04		Time: 20.58		Lat: 30° 29.43' N		Long: 65° 45.73' W		Rhonda, Courtney, Meredith								
N #	depth	Niskin temp	Oxygens		DIC	DOC	NUTS	PDBN	SHELL	NUTL	THORIUM	BACT	PERC	PST	HARD	BIOB
			021	022												
1	1	21.0	215		182-169	182-172	182-172	E012-172	E012-145	E 495	E2-CR-02	E1-08-02	NCS-1	NCS-4-DIV	NCS-5	NCS-6
2	1															
3	20	21.2	216		170	178	178	178	144	E 496						
4	20															
5	40	23.9	217		171	179	179	179	142	E 497						
6	40															
7	60	21.9	218		172	180	180	180	148	E 498						
8	60															
9	70	21.2	219		173	181	181	181	149	E 499						
10	80	20.6	220		174	182	182	182	150							
11	80															
12	90	20.3	221		175	183	183	183	151							
13	100	20.2	222		176	184	184	184	152							
14	100															
15	110	19.9	223		177	185	185	185	153							
16	120	19.8	224		178	186	186	186	154							
17	120															
18	140	19.8	301		179	187	187	187	155							
19	140															
20	200	19.4	302		180	188	188	188	156							
21	200															
22	300	19.2	303		181	189	189	189	157							
23	500	17.2	304		182	190	190	190	158							
24	700	14.5	305		183	191	191	191	159							

Cruise ENIGMAS		Leg: TRANSECT 2		Cast: CTD #20		Type: 0-200M Profile		Station: 2664 314	
Date:	10-Aug-04	Time:	0328	Lat:	30° 13' 20.9" N	Long:	65° 45' 64.0" W	Samplers:	
Date:	10-Aug-04	Time:	0400	Lat:	30° 13' 30.5" N	Long:	65° 45' 47.8" W	None	
rishtn #	depth	Niskin temp							
1									
2									
3									
4									
5									
6									
7									
8									
9									
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23									
24									

Spring No. 20

No

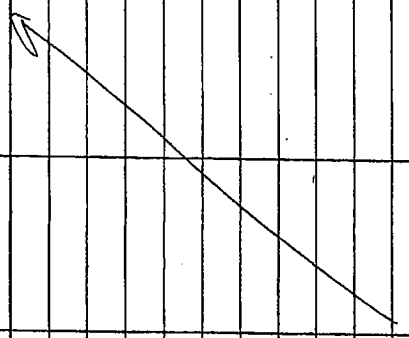
None

20

Cruise	Leg	Cast	Type
EDA 265	THUNDER 2	21	0-200m Profile @ 339
Date: 10-Aug-04	Time: 0529	Lat: 30° 24.139' N	Long: 65° 45.590' W
Date: 10-Aug-04	Time: 0548	Lat: 30° 26.233' N	Long: 65° 45.606' W
riskin #	depth	Niskin temp	Samples:
1			None
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
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22			
23			
24			

NO SAMPLES

Cruiser: <i>LANZES</i>		Leg: <i>712ARRSCT7 2</i>		Cast: <i>010 & 02</i>		Case: <i>X0413022.04</i>		Type: <i>0 - 200m Profile</i>		Samples: <i>Shake # 364</i>	
Date: <i>10-Aug-04</i>	Time: <i>0917</i>	Lat: <i>30° 34' 96" N</i>	Long: <i>65° 45' 60" W</i>	Time: <i>0734</i>	Lat: <i>31° 35' 00" N</i>	Long: <i>65° 45' 64" W</i>	Name: <i>None</i>				
riskin #	depth	Niskin temp									
1											
2											
3											
4											
5											
6											
7											
8											
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21											
22											
23											
24											



SAMPLES

010

12

Cruises EDD2ES		Leg: 7 JAN 85 CT 2		Casi: C70422S · X0463C 22.4		Type: 0-200 m F Profile		Station 389	
Date: 10-AUG-04	Time: 0916	Lat: 31° 44.703' N	Long: 65° 45.74' W	Lat: 65° 45.74' W	Long: 65° 45.819' W	Samplers:			
Date: 10-AUG-04	Time: 0916	Lat: 31° 44.837' N	Long: 65° 45.819' W	No. 18					
riskin #	depth	Niskin temp							
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
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24									

A large handwritten arrow points from the top right towards the middle of the grid.

 The text "NO DATA" is written vertically in the middle of the grid.

 A handwritten "18" is located at the bottom right of the grid.

Cruise E00753		Leg: TRANS EQ		Obst: CTD Cast #24		Type: 0-700m SPMR Profiles	
Date: 10/02/02	Time: 21:57:34	Lat: 30° 53' 35" N	Long: 147° 05' 14" W	Lat: 30° 53' 35" N	Long: 147° 05' 14" W	Samples: NEE	
Date: 10/02/02	Time: 01:02:24	Lat: 30° 53' 35" N	Long: 147° 05' 14" W	Lat: 30° 53' 35" N	Long: 147° 05' 14" W		
Niskin #	depth	Niskin temp					
1	1						
2	20						
3	40						
4	60						
5							
6							
7							
8							
9							
10							
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23							
24							

Cruise EDATES		Leg 160502T		Type 0-4000		Thorium cal. DOC Remun. EDAS, BCC-Corr		STATION 2544											
Date:	10/11/04	Time:	07:57	Lat:	30° 40' 30" N	Long:	65° 58' 00" W	Samplers: Rop, Trep, Stead, mes, (bottom) meredita, Countly, Seale P, Corl											
Date:	11/11/04	Time:	07:02	Lat:	30° 40' 30" N	Long:	65° 58' 00" W												
N #	depth	Niskin Temp	Oxygens		DIC	DOC	DOC HANSEL	DGN	PCOV	SMB	FCH	HPLC	Nut2 Thorium Calibration	Bact. Carlson	POC PON	PSI	HPLC	BBOP	
			O21	O22															O23
1	1	26.1	2.01		-199	-206	ED72-	206	206	169			201	*					* 2.21 -2.36
2	20	26.4	2.02		-198	-207							202	*					
3	20																		
4	40	26.3	2.03		-199	-208		207	208	171			204						* 2.35 -2.38
5	60	23.6	2.04		-200	-209		208	209	172			205						
6	80	22.1	2.05		-201	-210		209	210	173			206						
7	100	21.0	2.06		-202	-211		210	211					*					
8	100													*					
9	100																		
10	100																		
11	120	20.6	2.07		-203	-212		211	212	174			207						
12	140	20.5	2.08		-204	-213		212	213	175			208						
13	160	19.6	2.09		-205	-214		213	214	176			209						
14	300	18.9	2.10		-206	-215		214	215				210						
15	500	17.1	2.11		-207	-216		215	216				211						
16	800	12.6	2.12	2.18		-217							212						
17	1200	11.5	2.13	2.24		-218							213						
18	2000	8.9	2.14	2.20		-219							214						
19	3000	9.1	2.15	2.22		-220							215						
20	4000	8.9	2.16	2.24		-221							216						
21	4000												217						
22	4000												218						
23	4000												219						
24	4000												220						
													221						
													222						
													223						
													224						
													225						
													226						
													227						
													228						
													229						
													230						

CRUISE ENTRIES		Leg - GRANSECO #2		Casi: STD # 27		Type		O-700M CORE BGC ONLY X0215027 STATION 263								
Date:	11/AUG/04	Time:	0700	Lat:	30° 52.511'N	Long:	65° 58.199'W	Samplers: Del, Rod, Store, Mag.								
Date:	11/AUG/04	Time:	0759	Lat:	30° 51.961'N	Long:	65° 57.690'W									
N #	depth	Niskin temp	Oxygens		DIC	BATS	DOC	DOC ANALYSIS	DOC	Nut2	Nut1	Bact.	POC PON Vol=	PSI Vol=	HPLC Vol=	BBOP Chla
			O21	O22												
1	1	26.1	315		1482	-222	140400-3	-236	E072-231	E072-230	E072-187					
2	20	26.2	316		-223		-237	-232	-231	-190						
3	40	26.3	317		-224		-238	-233	-232	-191						
4	60	24.7	318		-225		-239	-234	-233	-192						
5	70	24.2	319		-226		-240	-235	-234	-193						
6	80	22.8	320		-227		-241	-236	-235	-194						
7	90	22.2	321		-228		-242	-237	*-236	-195						
8	100	21.4	322		-229		-243	-238	-237	-196						
9	110	20.4	323		-230		-244	-239	-238	-197						
10	120	19.7	324		-231		-245	-240	-239	-198						
11	140	19.2	401		-232		-246	-241	-240	-199						
12	200	18.7	402		-233		-247	-242	-241	-200						
13	300	17.8	403		-234		-248	-243	-242	-201						
14	500	15.9	404		-235		-249	-244	-243							
15	700	13.0	405				-250	-245	-244							
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17									#236							
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