

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO.	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB	WET BULB	PRESSURE
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	(°C)	(mb)
44	15	52	11	71	N	168	15	32	*
SBE 9+								(°C)	*
PRESS SN								(mb)	(deg)
PRI TEMP SN									(kts)
SEC TEMP SN									*
PRI COND SN									*
SEC COND SN									*
Niskin DEPTH	Rolet.	Hydro Team-PMEL				NIS No.			NIS No.
No.	DESIRED notes	SALT	Nut.Btl	02-Btl.No	CHL				
1	Bat			1	145	✓			1
2	1000			2	242	✓			2
3	950			3	143	✓			3
4	900			4	197	✓			4
5	800			5	175				5
6	700			6	144				6
7	600			7	248	✓			7
8	500			8	178	✓			8
9	400	boat to gushers					9		9
10	350			9	107	✓			10
11	300			10	239	✓			11
12	250			11	196				12

Notes: SSod 32.15

REMARKS *Settoware restarted for upcast* MAX. DEPTH = *m*

Scuba

Deep part of chif

SBE 9+		FLUOR SN	
PRESS SN		SBE43-Oxy (prime)	
PRI TEMP SN		SBE43-Oxy (sec)	
SEC TEMP SN		Transmissometer	
PRI COND SN		PAR SN	
SEC COND SN		O2 Tmp Sensor No.	

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO.	
CONSC CAST #		LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND
DEG	MIN	DEG	MIN	DAY	MO	YR	(mb)	*	DIRN.
6	42	55	21	68	168	15.29	1005	4	7.6
SBE 9+							(°C)	*	WIND SPD.
PRESS SN							(°C)	*	CLOUD TYPE
PRI TEMP SN							(mb)	*	WEATHER
SEC TEMP SN								*	BOTTOM DEPTH
PRI COND SN								*	STA. NAME/ID
SEC COND SN								*	
Niskin	DEPTH	Roset.	Hydro Team-PMEI				NIS	kts	
No.	DESIRED	notes	SALT	Nut.Btl	02-Btl.No	CHL.	No.	MAX. DEPTH =	
1	250				12	120	1	m	
2	200				13		2		
3	150				14		3		
4	125				15		4		
5	100				16	158	5		
6	75				17	147			
7	50				18	231	285		
8	40				19	283			
9	30				20	243	283		
10	20				21	283			
11	10	Fired AS nkt thermo.	22		283		11		
12	0		23	X 218	283		12		

Notes:

SST 32.15
different water at 100m upcast

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10						STATION NO.								
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)		
0	03	55	18	.99	N	168	09	.54	W	24	AUG 10	67	65	86	.8	8.5	34	105	7	1420
SBE 9+																				
PRESS S/N																				
PRI TEMP S/N																				
SEC TEMP S/N																				
PRI COND S/N																				
SEC COND S/N																				
Niskin	DEPTH	Rolet.	Hydro Team-PMEI						NIS	NIS	NIS									
No.	DESIRED	notes	SALT	Nut.Btl	02-Btl.No	CHL.		No.										No.		
1	Bottom	1000	070	24	-221			1										1		
2	900		071	25	-227			2										2		
3	850		072	26	-167			3										3		
4	750			27	-160			4										4		
5	600			28	-222			5										5		
6	400			29	-182			6										6		
7	300			30	-219			7										7		
8	200			31	-235			8										8		
9	150			32				9										9		
10	100			33				10										10		
11	50			34				11										11		
12	0			35				12										12		

Notes:

Remarks
Blue whale sightings
SST 32.53

No chl taken

MAX DEPTH = 1001 m

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10						STATION NO.							
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND	WIND	CLOUD (amt)	WEATHER	BOTTOM	STA. NAME/ID	
		DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*
0	04	55	24	.30	N	168	03	.00	W	24AUG10	0919	8.6							CN15
SBE 9+																			
PRESS SN																			MAX. DEPTH = 248 m
PRI TEMP SN																			
SEC TEMP SN																			
PRI COND SN																			
SEC COND SN																			
Niskin	DEPTH	Roset.		Hydro Team-PMEL						NIS		NIS							
No.	DESIRED	notes		SALT	Nut.Btl	02-Btl.No	CHL					No.		No.					
1	227	✓				34	145	242				1							
2	175	✓				37						2							
3	150	✓				38						3							
4	125	✓				39						4							
5	100	✓				40						5							
6	75	✓				41						6							
7	50	✓				42						7							
8	40	✓				43						8							
9	30	✓				44						9							
10	20	✓				45						10							
11	10	✓				46						11							
12	0					47						12							

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO.			
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE * * VISIBILITY (deg)	WIND DIRN. TYPE	WIND SPD. CLOUD (amt)	BOTTOM DEPTH (m)	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	*	
00	55	33	.26	N	16	7	42	.43	W	24	AUG 10 / 102.81.30
SBE 9+											
PRESS SN											
PRI TEMP SN											
SEC TEMP SN											
PRI COND SN											
SEC COND SN											
Niskin	DEPTH	ROSET.	Hydro Team-PMEI					NIS	NIS		
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No	CHL.	No.				No.
1	125	✓		48			1				1
2	100	✓		49			2				2
3	75	✓		50			3				3
4	50	✓		51			4				4
5	40	✓		52			5				5
6	30	✓		53			6				6
7	20	✓		54			7				7
8	10	✓	0073	55	143		8				8
9	0						9	bottle didn't close			
10							10				10
11							11				11
12							12				12

Notes:

VESSEL R/V Wacoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO.		
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE * * (deg)	WIND DIRN. TYPE WEATHER	WIND SPD. CLOUD (amt) Bottom Depth (m)	STA. NAME/ID CN13
DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	*	(kts)	*	STA. NAME/ID CN13
00655	42.00 N	167 18.24 W	24 AUG 10	1253	7.7	.30	*	.	09205	138
SBE 9+										MAX. DEPTH =
PRESS SN										m
PRI TEMP SN										
SEC TEMP SN										
PRI COND SN										
SEC COND SN										
Niskin DEPTH	Roset:	Hydro Team-PMEI						NIS No.	NIS No.	
No.	DESIRED notes	SALT	Nut.Btl	02-BTLNO	CHL.					
1	/20 ✓	56	✓ 175							1
2	/100 ✓	57								2
3	/5 ✓	58								3
4	/50 ✓	59	✓ 285							4
5	/40 ✓	60	✓ 283							5
6	/30 ✓	61	✓ 283							6
7	/20 ✓	62	✓ 283							7
8	/10 ✓	63	✓ 283							8
9	/0 ✓	64	✓ 283							9
10										10
11										11
12										12

Notes:

REMARKS

Bad pump on primary

Sal 1 + Oxy, had in upper

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10												STATION NO.		
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB ("C)	WET BULB ("C)	PRESSURE		SEA STATE		WIND DIRN. DEG	WIND SPD. (KTS)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN		DEG	MIN	DAY	MO	YR	HR	MIN	(mb)	*	*	(deg)	(KTS)	*	*	(m)	CW12	
SBE 9+				00	7	55	51	06	16	54	41	W	Z	4	AUG	10	1500	7.4		
PRESS SN																		136	CW12	
PRI TEMP SN																				
SEC TEMP SN																				
PRI COND SN																				
SEC COND SN																				
Niskin	DEPTH	Roset.		Hydro Team-PMEL																
No.	DESIRED	notes		SALT	Nut.Btl	02-Btl.No	CHL.													
1	120	/		✓ 0024	65															
2	100	/					leb													
3	75	/					67													
4	50	/					68													
5	40	/					69													
6	30	/					70													
7	20	/					71													
8	10	/					72													
9	0	/					73	✓ 208												
10																				
11																				
12																				

Notes:

Bad weather parameter 75, 08g

REMARKS

MAX. DEPTH = m

VESSEL	CRUISE ID	PROJECT & LEG	AFSC Cruise ID	STATION NO.
R/V Wecoma	WE1008	Eco-FOCI	1WE10	

CONSC CAST #	55°59'21"		166°30'6"		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID				
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)
SBE 9+																			
PRESS SN																			
PRI TEMP SN																			
SEC TEMP SN																			
PRI COND SN																			
SEC COND SN																			
Niskin DEPTH	Roset.																		
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No	CHL.													
1	115	/		24	✓ 107														
2	100	/		75															
3	75	/		76															
4	50	/		77															
5	40	/		78															
6	30	/		79															
7	20	/		80															
8	10	/		81															
9	0	/		82															
10																			
11																			
12																			

Notes:

VESSEL

CRUISE ID TN250

PROJECT & LEG

AFSC Cruise IC

STATION NO.

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO.	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB	WET BULB	PRESSURE
	DEG	MIN		DEG	MIN	DAY	MO	HR	MIN (°C)
									(°C)
0	1	0	5	6	16	6	8	16	542.48
SBE 9+									
PRESS SN							FLUOR S/N		
PRI TEMP SN							SBE43-Dry (prime)		
SEC TEMP SN							SBE43-Dry (sec)		
PRI COND SN							Transmissometer		
SEC COND SN							PAR S/N		
Niskin	DEPTH	Roset.					02 Tmp Sensor No.		
No.	DESIRED	notes	SALT	Nut.Btl	02-Btl.No	CHL.		NIS	
1	87				91	221/227			No.
2	75				92				
3	50				93	x285			
4	40				94	x283			
5	30				95	x283			
6	20				96	x283			
7	10				97	x283			
8	0				98	x283			
9									
10									
11									
12									

Notes:

*Boat pump on permanent 1,3,0 key
Tell attack on no coast*

VESSEL R/V Wecoma		CRUISE ID TN250 WE100B		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10						STATION NO.			
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE DIRN. (deg)	WIND DIRN. (kts)	WIND SPEED TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
		DEG MIN	DEG MIN	DAY	MO	HR	MIN			*	*	*	*	*	
SBE 9+															
PRESS SN															
PRI TEMP SN															
SEC TEMP SN															
PRI COND SN															
SEC COND SN															
Niskin	DEPTH	Roset.		Hydro Team-PMEI						NIS					
No.	DESINED	notes	SALT	Nut.Btl	O2-Btl.No	CHL.				No.					NIS
1	~85		x 76	99						1					1
2	50			108						2					2
3	40			101						3					3
4	30			102						4					4
5	20			103						5					5
6	10		104	x 103/660						6					6
7	0			105						7					7
8										8					8
9										9					9
10										10					10
11										11					11
12										12					12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10						STATION NO.										
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE * * (deg)	WIND DIRN. TYPE	WIND SPD. CLOUD (amt)	BOTTOM DEPTH (m)	STA. NAME/ID c NOT							
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN													
01	25	63	33	.84	N	16	45	41	W	25	AUG	10	00	26	8.1	7.4	26	137	5	78	K407	
SBE 9+																						
PRESS SN																						
PRI TEMP SN																						
SEC TEMP SN																						
PRI COND SN																						
SEC COND SN																						
Niskin	DEPTH	Roset.		Hydro Team-PMEI						NIS	DEP											
No.	DESIRED	notes	SALT	Nut. Blt	02-BLNO	CHL.				No.												NIS
1	72									1												1
2	58	<i>kind of slope</i>								2												2
3	50									3												3
4	46									4												4
5	30									5												5
6	26									6												6
7	16									7												7
8	8									8												8
9										9												9
10										10												10
11										11												11
12										12												12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10						STATION NO.		
CONSC CAST #		LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (*C)	RH 87.7	PRESSURE	WIND DIRN	WIND SPEED (kts)	CLOUD (amt)	WIND TYPE	BOTTOM DEPTH	STA. NAME/ID	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(*C)	(mb)	*	(deg)	(m)	
0	13	56	42.34	N	1643	53W	25AUG10	0217	18.1	7.1	25	156	4	
SBE 9+							FLUOR S/N							
PRESS SN							SBE43-Oxy (prime)							
PRI TEMP SN							SBE43-Oxy (sec)							
SEC TEMP SN							Transmissometer							
PRI COND SN							PAR S/N							
SEC COND SN							O2 Temp Sensor No.							
Niskin	DEPTH	Roset.					Hydro Team-PNEL							
No.	DESIRED	notes	SALT	Nut.Btl	02-Btl,NO	CHL.		NIS						
1	70	69 didn't close	77					No.						
2	50		113					No.						
3	40		114					No.						
4	30		115					No.						
5	20		116					No.						
6	10		117	X 182				No.						
7	8		118					No.						
8								No.						
9								No.						
10								No.						
11								No.						
12								No.						

Notes:

077

Swage caught on top loop?

Beautiful 2 longer system
Interface 20-22m yellow cup cast

REMARKS

MAX. DEPTH =

m

78 CNO6

CNO6

VESSEL R/V <i>Wecoma</i>		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10						STATION NO.					
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN	WIND SPD.	CLOUD (amt)	BOTTOM DEPTH	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO	YR	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)
0145653.93 N	16402.27 W	25 AUG 10 0415	18.2	7.2	7.2	24	16405	72	CNO5								
SBE 9+			FLUOR S/N													MAX DEPTH =	
PRESS SN			SBE43-Oxy (prime)														
PRI TEMP SN			SBE43-Oxy (sec)														
SEC TEMP SN			Transmissometer														
PRI COND SN			PAR S/N														
SEC COND SN			O2 Tmp Sensor No.														
Niskin	DEPTH	Roset.	Hydro Team-PMEI				NIS				NIS				NIS		
No.	DESIRED	notes	SALT	Nut.Bt	O2-Btl.No	CHL.		No.							No.		
1	bst			119	196			1								1	
2	50			120				2								2	
3	40			121				3								3	
4	38			122				4								4	
5	20			123				5								5	
6	10			124				6								6	
7	0			125				7								7	
8								8								8	
9								9								9	
10								10								10	
11								11								11	
12								12								12	

Notes:

By Cal. Spanie on thermometer
Position - Same ~ M2
31 set study stuck in it out interfere with + done

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO.									
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. DEPTH	WIND SPD. TYPE	CLOUD (amt)	WEATHER	67 BOTTOM DEPTH	CW4 STA. NAME/ID
		DEG	MIN	DEG	MIN												
C 1 5 5 7 0 7 . 8 4 N		1 6 3 4 7 . 8 3 W		2 5 A U G 1 0 1 6 / 1 1 8 . 0		2 . 2 2 3		2 0 6		6							
SBE 9+		FLUOR S/N		SBE43-Oxy (prime)		SBE43-Oxy (sec)		Transmissometer		PAR S/N		O2 Tmp Sensor No.					MAX. DEPTH = 67 m
PRESS SN																	
PRI TEMP SN																	
SEC TEMP SN																	
PRI COND SN																	
SEC COND SN																	
Niskin	DEPTH	Roset:	Hydro Team-PMEI				NIS									NIS	
No.	DESIRED	notes	SALT	Nut.Btl	02-Btl.No	CHL.	No.									No.	
1	62		X 78	126	126	120?	1									1	
2	50			127	127		2									2	
3	46			128	128		3									3	
4	30			129	129		4									4	
5	20			130	130		5									5	
6	10			131	131		6									6	
7	0			132	132	120?	7									7	
8							8									8	
9							9									9	
10							10									10	
11							11									11	
12							12									12	

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO.	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB	WET BULB	PRESSURE
	DEG MIN		DEG MIN		DAY MO	YR HR MIN	(°C) (*F)	(°C) (mb)	SEA STATE
SBE 9+	165	72 4.99 N	163 31.68 W	25 AUG 10 0800	7.2	6.7 22	103 13	*	WIND DIRN. SPD.
PRESS SN								*	WIND CLOUD (amt) TYPE
PRI TEMP SN								*	WIND TYPE
SEC TEMP SN								*	BOTTOM DEPTH
PRI COND SN								*	STA. NAME/ID
SEC COND SN								*	
Niskin DEPTH	Roset.	Hydro Team-PMEI						MAX DEPTH = m	
No.	DESIRED notes	SALT	Nut.Btl	02-Btl.No	CHL		Ns No.		Ns No.
1	47			133	285		1		1
2	40			134	283		2		2
3	30			135	283		3		3
4	20			136	283		4		4
5	10			137	283		5		5
6	0			138	283		6		6
7							7		7
8				The O ₂ reege were not cleared	13	8			8
9							9		9
10				058 was cast	10				10
11				Perhaps bad	11				11
12					12				12

Notes:

Vessel R/V Wecoma		Cruise ID TN250 WE1008		Project & Leg Eco-FOCI		AFSC Cruise ID 1WE10												Station No.						
Consc Cast #	Latitude		Longitude		Time (GMT)			Dry Bulb			Pressure			Wind			Cloud (amt)			M2E				
	deg	min	deg	min	day	mo	yr	hr	min	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	Wind Dirn.	Wind Spd.	Cloud Type	Weather	Bottom Depth	Sta. Name/ID
SBE 9+																								
PRESS SN																								
PRI TEMP SN																								
SEC TEMP SN																								
PRI COND SN																								
SEC COND SN																								
Niskin	Depth	Roset.	Hydro Team-PMEI						NIS						NIS									
No.	Desired	Notes	Salt	Nut.Btl	O2-Btl.No	Chl.		No.							No.									
1	65				139	✓ 210	✓ 219								1									
2	50				140										2									
3	40				141										3									
4	30				142										4									
5	20				143										5									
6	10				144										6									
7	0		✓ 0080	145											7									
8															8									
9															9									
10															10									
11															11									
12															12									

Lots of jellies

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO.	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB	WET BULB	PRESSURE
	DEG MIN		DEG MIN	DAY MO	YR	HR MIN	(°C)	(°C)	SEA STATE
0 1 8 5 7 6 1 . 0 0 N		1 6 4 1 3 . 0 0 W	2 5 A U G 1 0	1 2 3 3	1 8 . 2	7 . 8	1 8	1 6 7 1 0	WIND DIRN.
SBE 9+		FLUOR S/N							WIND SPD.
PRESS SN		SBE43-Oxy (prime)							CLOUD (amt)
PRI TEMP SN		SBE43-Oxy (sec)							TYPE
SEC TEMP SN		Transmissometer							WEATHER
PRI COND SN		PAR S/N							BOTTOM DEPTH
SEC COND SN		O2 Temp Sensor No.							STA. NAME/ID
Niskin	DEPTH	Roset.							M2N
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No	CHL.			M2K
1	60			146					
2	50			147	285		1		
3	40			148	283		2		
4	30			149	283		3		
5	20			150	283		4		
6	10			151	283		5		
7	0			152	283		6		
8							7		
9							8		
10							9		
11							10		
12							11		
							12		

Notes:

Lots of Jellies

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOC		AFSC Cruise ID 1WE10		STATION NO.	
CONSC CAST #		LATITUDE	LONGITUDE			TIME (GMT)	DRY BULB	WET BULB	PRESSURE
DEG	MIN	DEG	MIN	DAY	MO	YR	(°C)	(°C)	SEA STATE
0195646.00	N	16420.00	W	25	AUG	10	1419	18.0	WIND DIRN.
SBE 9+									WIND SPD.
PRESS SN									CLOUD (amt)
PRI TEMP SN									TYPE
SEC TEMP SN									WEATHER
PRI COND SN									BOTTOM DEPTH
SEC COND SN									STA. NAME/ID
Niskin	DEPTH	Roset.	Hydro Team-PMEL						M2W
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl No	CHL.			NIS No.
1	648			153	✓ 143				1
2	50			154	285				2
3	40			155	283				3
4	30			156	283				4
5	20			157	283				5
6	10			158	283				6
7	0			159	283				7
8									8
9									9
10									10
11									11
12									12

Notes:

VESSEL R/V Wecoma	CRUISE ID TN250 WE1008	PROJECT & LEG Eco-FOCI	AFSC Cruise ID 1WE10	STATION NO.																
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	BOTTOM DEPTH	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)	
0205640.00N	43	52.00	00W	25	AUG	10	1609	8.4	8.5	1018	1012	1012	*	*	(deg)	(kts)	*	*	175	M2S
SBE 9+			FLUOR S/N																	MAX. DEPTH =
PRESS SN			SBE43-Oxy (prime)																	m
PRI TEMP SN			SBE43-Oxy (sec)																	
SEC TEMP SN			Transmissometer																	
PRI COND SN			PAR S/N																	
SEC COND SN			O2 Tmp Sensor No.																	
Niskin	DEPTH	Roset.	Hydro Team-PMEI																	
No.	DESIRED	notes	SALT	Nut.BI	02-Btl.No	CHL.														No.
1	70		✓0081	160																1
2	50			161		285														2
3	40			162		283														3
4	30			163		283														4
5	20			164		283														5
6	10			165	175	283														6
7	0			164	197	283														7
8																				8
9																				9
10																				10
11																				11
12																				12

Notes:

Lot of Jellys

leaking from bottom

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO.									
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	WIND DIRN.	WIND SPD.	CLOUD (amt)	BOTTOM DEPTH	STA. NAME/ID						
DEG	MIN	DEG	MIN	DAY	MO	YR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)
02	15 45.400	N	164 03.18	W	25	AUG	10	1844	8.8	8.5	17		13710		70	70	m2
SBE 9+			FLUOR S/N														MAX DEPTH =
PRESS SN			SBE43-Oxy (prime)														
PRI TEMP SN			SBE43-Oxy (sec)														
SEC TEMP SN			Transmissometer														
PRI COND SN			PAR S/N														
SEC COND SN			O2 Tino Sensor No.														
Niskinn	DEPTH	Roset.	Hydro Team-PMEL														Nis
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl No	CHL											No
1	405			167	✓ 174	286											1
2	50			169		283											2
3	40			169		283											3
4	30			170		283											4
5	24.5			171		283											5
6	24.5																6
7	24.5																7
8	12.5			172		283											8
9	12.5																9
10	12.5																10
11	0																11
12																	12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOC		AFSC Cruise ID 1WE10		STATION NO. 21											
CONSC CAST #	LATITUDE DEG MIN		LONGITUDE DEG MIN		DAY	MO	YR	TIME (GMT) HR MIN	DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
D 225648.49 N	1 6435.00 W		25 AUG 10		2056	9 .	1	8 .	8	16	139	8	*	*	*	*	73	70M3	
SBE 9+									FLUOR S/N										
PRESS SN									SBE43-Oxy (prime)										
PRI TEMP SN									SBE43-Oxy (sec)										
SEC TEMP SN									Transmissometer										
PRI COND SN									PAR S/N										
SEC COND SN									O2 Temp Sensor No.										
Niskin No.	DEPTH DEPTH	Roset. notes		Hydro Team-PMEL														NIS No.	
1	67			SALT	Nut.Bt	O2-Bt	No.	02-Bt	No.	CHL.								1	
2	50				174	178												2	
3	40				175	185												3	
4	36				176	183												4	
5	25				177	283												5	
6	10				178	283												6	
7	5				179	283												7	
8					180	283												8	
9																		9	
10																		10	
11																		11	
12																		12	

Notes:

Planned sample jelly at 50m or greater

VESSEL R/V We coma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOC		AFSC Cruise ID 1WE10		STATION NO. 22	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB (*°C)	WET BULB (*°C)	PRESSURE (mb)
DEG	MIN	DEG	MIN	DAY	MO	HR	*	*	SEA STATE VISIBILITY
023565	4.56	N	16449.66	W	15	Aug	(deg)	(deg)	WIND DIRN.
SBE 9+						MIN	*	*	WIND SPD.
PRESS SN						HR	*	*	CLOUD (amt)
PRI TEMP SN							*	*	TYPE
SEC TEMP SN							*	*	WEATHER
PRI COND SN									BOTTOM DEPTH
SEC COND SN									STA. NAME/ID
Niskin	DEPTH	Roset.							
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No	CHL.			
1	68		0082	181	239				No.
2	50		182		285				
3	40		183		283				
4	30		184						
5	20		185						
6	10		186						
7	0		187						
8									
9									
10									
11									
12									

Notes:

082

Sept caught fish on way up

REMARKS

MAX. DEPTH = m

VESSEL R/V Wecoma		CRUISE ID WE1008	PROJECT & LEG Eco-FOCI	AFSC Cruise ID 1WE10	STATION NO. 023
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB ("C)	WET BULB ("C)
	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(mb) *
024563	11.55 N	16507.39 W	26 AUG 10	025 21 6	8.613
SBE 9+				SEA STATE VISIBILITY	WIND DIRN. (deg)
PRESS SN				WIND SPD. (kts)	WIND CLOUD (amt) TYPE
PRI TEMP SN				*	WEATHER
SEC TEMP SN				*	BOTTOM DEPTH
PRI COND SN				*	STA. NAME/ID
SEC COND SN					
Niskin DEPTH	Rosat:				
No.	DESIRED notes	SALT	Nut.Btl	O2-Btl.No	CHL.
1	68		188	147	
2	50		082	189	285
3	40			1	283
4	30			2	
5	20			3	
6	10			4	
7	0		5		5
8					6
9					7
10					8
11					9
12					10
					11
					12
Hydro Team-PHEI					
Nis No.					
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
REMARKS					
MAX DEPTH = m					
No Tension or Don an upcast - will values begin to return the densities					

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 024													
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	BOTTOM DEPTH	STA. NAME/ID					
		DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)	
<input checked="" type="checkbox"/> SBE 9+																					
<input checked="" type="checkbox"/> PRESS SN																					
<input checked="" type="checkbox"/> PRI TEMP SN																					
<input checked="" type="checkbox"/> SEC TEMP SN																					
<input checked="" type="checkbox"/> PRI COND SN																					
<input checked="" type="checkbox"/> SEC COND SN																					
Niskin	DEPTH	Roset.				Hydro Team-PMEL															
No.	DESIRED	notes		SALT	Nut.Bt	O2-Bt:No	CHL.														
1	6.5				6.	147															
2	50				7	285															
3	40				8	283															
4	30				9																
5	20				10																
6	10				11																
7	0				12																
8																					
9																					
10																					
11																					
12																					

Notes:

VESSEL R/V Wacoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 024	
CONSC CAST #	LATITUDE	DEG MIN	DEG MIN	LONGITUDE	DAY	MO	YR	TIME (GMT)	DRY BULB (°C)
								HR MIN	WET BULB (°C)
02	45 7 06.4	1	1	16 53 6.8	6	2	10	03 24	8.7
SBE 9+									8.7
PRESS SN									14
PRI TEMP SN									15
SEC TEMP SN									2
PRI COND SN									16
SEC COND SN									76
Niskin	DEPTH	Roset.		Hydro Team-PMEI		REMARKS		MAX. DEPTH = m	
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No	CHL.			
1	67		83	13					1
2	50			14	285				2
3	46			15	283				3
4	30			16					4
5	20		17	J					5
6	10		18						6
7	0	lestes, na water							7
8									8
9									9
10									10
11									11
12									12

Notes:

Prin. Sal (sample both) caught jellies
at 5m on upcast
All bleder values open - no oxygen taken

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 0216	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB	WET BULB	PRESSURE
	DEG	MIN		DEG	MIN	DAY	MO	HR	(mb)
0275715.73N			16544.76W			10	0453	8.5	(°C)
SBE 9+			FLUOR S/N					*	SEA STATE
PRESS SN			SBE43-Oxy (prime)					*	VISIBILITY
PRI TEMP SN			SBE43-Oxy (sec)					(deg)	WIND DIRN.
SEC TEMP SN			Transmissometer					(kts)	WIND SPD.
PRI COND SN			PAR S/N					*	CLOUD (amt)
SEC COND SN			O2 Tmp Sensor No.					*	TYPE WEATHER
Niskin	DEPTH	ROSET.	Hydro Team-PMEI						BOTTOM DEPTH (m)
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl No	CHL.			STA. NAME/ID
1	66		19						72
2	50		20		285				7018
3	40		21		283				
4	30		22						
5	20		23						
6	10	X 084	24	X 231		↓			
7	0	Last spushing	22						
8									7
9									8
10									9
11									10
12									11
									12

Notes:

VESSEL R/V Wecoma		CRUISE ID WE1008	PROJECT & LEG Eco-FOCI	AFSC Cruise ID 1WE10	STATION NO. 027			
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)			
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN
0 2 8	57	19.26 N	16600.64 W	26 AUG 10	0617	8.5	8.5	47
SBE 9+				FLUOR SN				
PRESS SN				SBE43-Oxy (prime)				
PRI TEMP SN				SBE43-Oxy (sec)				
SEC TEMP SN				Transmissometer				
PRI COND SN				PAR S/N				
SEC COND SN				O2 Temp Sensor No.				
Niskin	DEPTH	ROSET.	Hydro Team-PMEL					
No.	DESIRED	notes	SALT	Nut.Bt1	O2-Bt1/No	CHL.		
1	64			25	221			
2	58			24				1
3	40			27				2
4	36			28				3
5	20			29				4
6	10			30				5
7	0	MISFIRE						6
8								7
9								8
10								9
11								10
12								11
								12

Notes:

Notes:

This cast file
was overwritten
by mistake

File W14486429

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10						STATION NO. 029 haul									
CONSC CAST #		LATITUDE DEG MIN		LONGITUDE DEG MIN		TIME (GMT) DAY MO YR HR MIN		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE (deg)		WIND DIRN. SPD. TYPE		CLOUD (amt) WIND SPD. WEATHER		BOTTOM DEPTH STA. NAME/ID	
SBE 9+																				70M11	
PRESS SN																					
PRI TEMP SN																					
SEC TEMP SN																					
PRI COND SN																					
SEC COND SN																					
Niskin	DEPTH	Roset.		Hydro Team-PH&EL																	
No.	DESIRED	notes		SALT		Nut.Btl	O2-Btl.No	CHL.											Nis		
1																			No.		
2																			1		
3																			2		
4																			3		
5																			4		
6																			5		
7																			6		
8																			7		
9																			8		
10																			9		
11																			10		
12																			11		
																			12		

Notes:

Bad cast
overrate \$29

filename 03077807 CNV 0310

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008	PROJECT & LEG EcoFOC		AFSC Cruise ID 1WE10						STATION NO. 0201 Haul 2						
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB	WET BULB	PRESSURE		WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)
SBE 9+	03	15	72	46.1	3	JUN	10	16.2	16.2	1010.2	5	5	21	115	6.7		
PRESS SN								FLUOR S/N									
PRI TEMP SN								SBE43-Oxy (prime)									
SEC TEMP SN								SBE43-Oxy (sec)									
PRI COND SN								Transmissometer									
SEC COND SN								PAR S/N									
Niskin	DEPTH	Roset.	Hydro Team-PMEL														
No.	DESRED	notes	SALT	Nut.Btl	02-Btl.No	CHL											NIS No.
1	65		36	45													1
2	50		31	45													2
3	40		41	40													3
4	30		41	47													4
5	20		41	42													5
6	10		0085	43													6
7	0		44	48	1060												7
8																	8
9																	9
10																	10
11																	11
12																	12

Notes:

Brought onboard before stopped equiring

f. 1b 1931

卷之三

MECCANICA

104

WE1008

PROJECT & LESSONS

AF-3C Close ID
1WE10

STATION NO.

Notes:

filename 032 Cdg C-033

VESSEL R/V Welcomia		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 31												
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	DAY	MO	YR	HR	MIN	TIME (GMT) (*C)	DRY BULB (*C)	WET BULB (*C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
0335731.34 N	16° 75' 21.20 W	26 AUG 10	1256	7.9	7.9	04	24	110	71	71	70m13	70m13	*	*	*	*	*	MAX. DEPTH = m		
SBE 9+	FLUOR S/N																			
PRESS SN	SBE43-Oxy (prime)																			
PRI TEMP SN	SBE43-Oxy (sec)																			
SEC TEMP SN	Transmissometer																			
PRI COND SN	PAR S/N																			
SEC COND SN	O2 Tmp Senson No.																			
Niskin	DEPTH	Roset.	Hydro Team-PMEI																	
No.	DESIRED	notes	SALT	Nut.Btl	02-BtlNo	CHL.													NIS No.	
1	65		52																1	
2	50		0086	53		/													2	
3	44		54			/													3	
4	30		55			/													4	
5	20		56			/													5	
6	10		57	120	1														6	
7	0		58	1058	1														7	
8																			8	
9																			9	
10																			10	
11																			11	
12																			12	

Notes:

CNNT, eName 055
C4P 034

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 32								
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND	WIND	CLOUD (amt)	WEATHER	BOTTOM	STA. NAME/ID
	DEG MIN	DEG MIN		DAY MO	YR	HR	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	*	(m)	
0345	72	9.97	N	167	20.65	W	AUG 10	1413	8.4	8.404	418	9	75			
SBE 9+							FLUOR S/N									
PRESS SN							SBE43-Oxy (prime)									
SPRI TEMP SN							SBE43-Oxy (sec)									
SEC TEMP SN							Transmissometer									
PRI COND SN							PAR S/N									
SEC COND SN							O2 Tmp Sensor No.									
Niskin	DEPTH	Roset.				Hydro Team-PMEL				NIS						NIS
No.	DESIRED	notes	SALT	Nut.Bti	O2-Bti>No.	CHL				No.						No.
1	65			59	1293					1						1
2	50			60		1				2						2
3	40			61		1				3						3
4	30			62		1				4						4
5	20			63		1				5						5
6	10			64		1				6						6
7	0			65		1				7						7
8										8						8
9										9						9
10										10						10
11										11						11
12										12						12

Notes:

Top Scale cap may have been loose

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 33										
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
DEG	MIN	DEG	MIN	DAY	MO	HR	MN	HR	MN	*	*	*	*	*	*	*		
035	57	30	.07	N	167	39	.93	w	AUG	10	154	8.3	8.3	04	207	12	71	
SBE 9+																		
PRESS SN																		
PRI TEMP SN																		
SEC TEMP SN																		
PRI COND SN																		
SEC COND SN																		
Niskin	Roset.		Hydro Team-PH&EL						Ns		Ns		Ns		Ns		Ns	
No.	DEPTH	notes	SALT	Nut.Btl	O2-Btl.No.	CHL.				No.	No.							
1	60	Lele		67		Lele				1								1
2	50			67			-285			2								2
3	40			68			-283			3								3
4	30			69			-283			4								4
5	20			70			-283			5								5
6	10		0007	71		-283			6									6
7	0		0007	72	-283	-283			7									7
8										8								8
9										9								9
10										10								10
11										11								11
12										12								12

Notes:

70m/5

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 34	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	(mb)	*
036	57	30.04	N	175	41.6	AUG	10	*	*
SBE 9+				FLUOR S/N					
PRESS SN				SBE43-Oxy (prime)					
PRI TEMP SN				SBE43-Oxy (sec)					
SEC TEMP SN				Transmissometer					
PRI COND SN				PAR S/N					
SEC COND SN				O2 Temp Sensor No.					
Niskin	DEPTH	ROSET.		Hydro Team-PMEL				NIS	
No	DESIRED	notes		SALT	Nut Btl	O2-Btl No	CHL.	No.	NIS
1	66			73	✓ 145	- 242		1	
2	SD			74	- 242	- 285		2	
3	40			75	- 283			3	
4	30			76	- 283			3	
5	20			77	- 283			4	
6	10			78	- 283			4	
7	0			79	- 283			5	
8								6	
9								7	
10								8	
11								9	
12								10	
								11	
								12	

Notes:

VESSEL R/V Wetcom		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 035	
CONSC CAST #		LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE DEPN.	WIND DIRN. DEPN.
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	*	*
0 3 2 5 7 3 1 . 2 0 N		1 6 8 1 8 . 2 3 W		2 6 A U G 1 0	1 8 3 8	8 . 2	8 . 2	5 3	1 6 7
SBE 9+				FLUOR S/N					
PRESS SN				SBE43-Oxy (prime)					
PRI TEMP SN				SBE43-Oxy (sec)					
SEC TEMP SN				Transmissometer					
PRI COND SN				PAR S/N					
SEC COND SN				O2 Tmp Sensor No.					
Niskin	DEPTH	ROSET.		Hydro Team-PMEI					
No.	DESIRED	notes	SALT	NUT.BR	O2-BTL No	CHL	No.	NIS	NIS
1	65		80				1		
2	50	✓ 0088	91		285		2		
3	40		82		283		3		
4	30		93		283		4		
5	20		84		283		5		
6	10		85		283		6		
7	0		86	✓ 95	283		7		
8							8		
9							9		
10							10		
11							11		
12							12		

Notes:

VESSEL R/V Weomega		CRUISE ID TN250 WE1008b	PROJECT & LEG Eco-FOCI	AFSC Cruise ID 1WE10	STATION NO. 36
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)
DEG	MIN	DEG	MIN	DAY	MO
0 3 8	5 7	3 1	4 4	N	1 6 8
SBE 9+					FLUOR S/N
PRESS SN					SBE43-Oxy (prime)
PRI TEMP SN					SBE43-Oxy (sec)
SEC TEMP SN					Transmissometer
PRI COND SN					PAR S/N
SEC COND SN					O2 Temp Sensor No.
Niskin No.	DEPTH Desired notes	Roset. SALT	Hydro Team-PMEI Nut.Btl	NIS No.	NIS No.
1	65		27	288	1
2	56		88	285	2
3	46		89	283	3
4	36		90		4
5	26		91		5
6	16		92		6
7	Q		93		7
8				8	8
9				9	9
10				10	10
11				11	11
12				12	12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO.	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	SEA STATE VISIBILITY
SBE 9+									WIND DRN. (deg)
PRES SN									WIND SPD. (kts)
PRT TEMP SN									CLOUD (amt) TYPE
SEC TEMP SN									WEATHER
PRT COND SN									STA. NAME/ID
SEC COND SN									BOTTOM DEPTH (m)
Niskin	DEPTH	Roset.		Hydro Team-PMEL		NIS			MAX. DEPTH =
No.	DESIRED	notes	SALT	NUT.BTU	O2-BTU NO	CHL	No.		m
1	65		94	144	178		1		
2	50		95		255		2		
3	46		96		283		3		
4	30		97				4		
5	20		98				5		
6	10		99				6		
7	0		100				7		
8							8		
9							9		
10							10		
11							11		
12							12		

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOC		AFSC Cruise ID TWE10		STATION NO. 38	
CONSC CAST #	LATITUDE	DEG	MIN	DEG	MIN	DAY	MO	YR	TIME (GMT)
SBE 9+									DRY BULB
PRESS SN									WET BULB
PRI TEMP SN									PRESSURE
SEC TEMP SN									SEA STATE
PRI COND SN									VISIBILITY
SEC COND SN									WIND DIRN.
Niskin	DEPTH	Roset.		Hydro Team-PMEI		NIS			BOTTOM DEPTH
No.	DESIRED	notes	SALT	NuLB#	O2-BL#No	CHL.	No.		STA. NAME/ID
1	1d.			101	23%	107	1		
2	50		089	102		285	2		
3	10			103		283	3		
4	30			104			4		
5	20			105			5		
6	10			106			6		
7	0			107		✓	7		
8							8		
9							9		
10							10		
11							11		
12							12		

Notes:

55T

VESSEL CRUISE ID TN250 PROJECT & LEG AFSC Cruise ID

STATION NO.

39

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 39						
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt.)	TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
\$BE 9+			FLUOR S/N											
PRESS SN			SBE3-Oxy (prime)											
PRI TEMP SN			SBE43-Oxy (sec)											
SEC TEMP SN			Transmissometer											
PRI COND SN			PAR S/N											
SEC COND SN			O2 Tmp Sensor No.											
Niskin		Roset.		Hydro Team-PMEL		NIS		NIS		NIS		NIS		
No.	DEPTH	Desired	Notes	SALT	Nut Brt	O2 BOTTLE	SHUTTER	No.	No.	No.	No.	No.	No.	
1	56 ✓					284		1						1
2	40 ✓					285		1						2
3	30 ✓					283		2						3
4	24 ✓					283		3						4
5	24 ✓					288		4						5
6	24 ✓					289		5						6
7	20 ✓					289		6						7
8	11.5					283		7						8
9	11.5					277		8						9
10	11.5					287		9						10
11	Φ					282		10						11
12								11						12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10						STATION NO. 39										
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE VISIBILITY		WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE		WEATHER	BOTTOM DEPTH	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)				
041	57	54.4	11	N	16	853	28	W	27	AUG	10	0835	7.8	7.8	3	159	3		M4			
SBE 9+																						
PRESS SN																						
PRI TEMP SN																						
SEC TEMP SN																						
PRI COND SN																						
SEC COND SN																						
Niskin	DEPTH	Roset.		Hydro Team: PMEL						NIS		NIS		NIS		NIS						
No.	DESIRED	notes		SALT	Nut.BI	O2-Btl No	CHL.			No.												No.
1	180				108	147	234			1												1
2	50				109					2												2
3	40				110					3												3
4	30				111					4												4
5	24				112					5												5
6	24				113					6												6
7	24				114					7												7
8	20									8												8
9	11.5									9												9
10	11.5									10												10
11	11.5									11												11
12	0									12												12

Notes:

on upcast, Sali back (noisy)

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 40										
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID					
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	(°C)	(°C)	(mb)	*	*	*	(deg)	(kts)	*	*	(m)
643	57	46.62	N	129	11.97	W	27	AUG 10	0226	8.5	8.5	4	215	7			70m22	
SBE 9*				FLUOR S/N														MAX. DEPTH =
PRESS SN				SBE43-Dry (prime)														m
PRI TEMP SN				SBE43-Dry (sec)														
SEC TEMP SN				Transmissometer														
PRI COND SN				PAR S/N														
SEC COND SN				O2 Tmp Sensor No.														
Niskin	DEPTH	Roset.		Hydro Team-PHEM				NIS										
No.	DESIRED	notes	SALT	Nut Blt	O2 BLT No.	CHL		NIS										
1	52			115	22/227			No.										No.
2	50			116				1										1
3	40			117				2										2
4	30			118				3										3
5	20			119				4										4
6	20							5										5
7	10							6										6
8	0		120		283			7										7
9								8										8
10								9										9
11								10										10
12								11										11
								12										12

Notes:

VESSEL R/V <i>Wecoma</i>		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 41	
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE • • (deg)	WIND DIRN. SPD. (kts)	CLOUD (amt)
DEG	MIN	DEG	DAY	MO	YR	HR	MIN	• • (kts)	TYPE
044	57	54.99	N	169	00.0	10	04	45	WEATHER
SBE 9+			AUG	10	04	05	9.0	9.0	BOTTOM DEPTH (m)
PRESS SN									STA. NAME/ID
PRI TEMP SN									
SEC TEMP SN									
PRI COND SN									
SEC COND SN									
Niskin	DEPTH	ROSET:	Hydro Team-PHTEL				NS	NS	NS
No.	DESIRED	notes	SALT	Nut.Bd	O2-BH.NO	CHL.	No.	No.	No.
1	BOT	445		13.2	167/160		1		1
2	50			123	285		2		2
3	10			124	283		3		3
4	30			125	283		4		4
5	20			126			5		5
6	10			127			6		6
7	0			128			7		7
8							8		8
9							9		9
10							10		10
11							11		11
12							12		12

8
Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID WE10						STATION NO. 42												
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN		DAY	MO	YR	TIME (GMT)		DRY BULB (*C)		WET BULB (*C)		PRESSURE (mb)		SEA STATE VISIBILITY		WIND DIRN.	WIND SPD. (kts)	CLOUD (amt)	WEATHER	74	701423	STA. NAME/ID	
		DEG	MIN				HR	MIN	DEG	MIN	HR	MIN	DIRN.	SPD.	TYPE	BOTTOM DEPTH	DIRN.	SPD. (kts)	TYPE	WEATHER	74	701423		
SBE 9+																								
PRESS SN																								
PRI TEMP SN																								
SEC TEMP SN																								
PRI COND SN																								
SEC COND SN																								
Niskin	DEPTH	Roset.						Hydro Team-PMEI						NIS						NIS		NIS		
No.	DESIRED notes	SALT	Nut-Btl	02-Btl No	CHL.			No.						No.							No.		No.	
1	B.01	X	129	X 222/182				1						1							1			
2	50	091	130	285				2						2							2			
3	40	131	283					3						3							3			
4	30	132	283					4						4							4			
5	20	133	1					5						5							5			
6	10	134	1					6						6							6			
7	B.	135	↓					7						7							7			
8								8						8							8			
9								9						9							9			
10								10						10							10			
11								11						11							11			
12								12						12							12			

Notes:

55° 30.82

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b	PROJECT & LEG Eco-FOCI		AFSC Cruise ID TWE10		STATION NO. 43													
CONSC CAST #	LATITUDE	DEG MIN	LONGITUDE	DEG MIN	DAY	MO	YR	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
SBE 9+																				
PRESS SN								FLUOR SN												
PRI TEMP SN								SBE43-Oxy (prime)												
SEC TEMP SN								SBE43-Oxy (sec)												
PRI COND SN								Transmissometer												
SEC COND SN								PAR S/N												
Niskin	DEPTH	ROSET.	Hydro Team-PMEI								NIS	NIS								
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl No.	CHL.														
1	65			136																
2	50			137				285												
3	40			138				283												
4	30			139				283												
5	20			140																
6	10			141																
7	0			142	x	196/124	✓													
8																				
9																				
10																				
11																				
12																				

Notes:

VESSEL R/V Welcomia		CRUISE ID TN250 WE1008b	PROJECT & LEG Eco-FOCI		AFSC Cruise ID WE10		STATION NO. 44												
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/D		
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)
SBE 9+										FLUOR S/N	SBE43-Oxy (prime)								
PRESS SN										SBE43-Oxy (sec)									
PRI TEMP SN										Transmissometer									
SEC TEMP SN										PAR S/N									
PRI COND SN										02 Tmp Sensor No.									
SEC COND SN																			
Niskin	DEPTH	Roset.		Hydro Team-PMEL		NIS		NIS		NIS		NIS		NIS		NIS			
No.	DESIRED	notes		SALT	Nut.Btl	O2.Btl.No	CHL.	No.		No.		No.		No.		No.			
1	145				143			1		1		1		1		1			
2	50				144		285	2		2		2		2		2			
3	40				145		283	3		3		3		3		3			
4	30				146		283	4		4		4		4		4			
5	20				147		283	5		5		5		5		5			
6	10				148	283		6		6		6		6		6			
7	0				149	243	283	7		7		7		7		7			
8								8		8		8		8		8			
9								9		9		9		9		9			
10								10		10		10		10		10			
11								11		11		11		11		11			
12								12		12		12		12		12			

Notes:

Niskin 1,2,3,4 top valve loose
not tight and down

VESSEL
R/V Wecoma

CRUISE ID TN25
WE1008b

PROJECT & LEGAL

AFCU Cruise ID
1WE10

S1AIIUN NO

VESSEL R/V <i>Wecoma</i>		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 45				
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE • VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
04858	16.9	1N 17005.67W	10 17	8.9	8.9	106	22717	71				70M26
SBE 9+			FLUOR S/N	SBE43-Oxy (prime)	SBE43-Oxy (sec)							
PRI TEMP SN			Transmissometer									
SEC TEMP SN			PAT S/N									
PRI COND SN			O2 Imp Sensor No.									
SEC COND SN												
Niskin	DEPTH	ROSET.	Hydro Team-PMEL				NIS					
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl No	CHL	No.					
1	65		15.0	/218			1					
2	50		15.1	/285			2					
3	40		15.2	/283			3					
4	30		15.3	/			4					
5	20		15.4	/			5					
6	10		15.5	/			6					
7	0		15.6	/283			7					
8							8					
9							9					
10							10					
11							11					
12							12					

Notes:

VESSEL R/V Wecoma	CRUISE ID WE1008b	PROJECT & LEG EcoFOCI	AFSC Cruise ID 1WE10	STATION NO. 46													
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE DIRN.	WIND SPD.	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
049 58 26.77 N	170 11.14 W	DAY MO	YR	HR MIN	11	48	8.9	8.9	06	220	13				72		
SBE 9+					FLUOR S/N												MAX. DEPTH =
PRESS SN					SBE43-Oxy (prime)												m
PH TEMP SN					SBE43-Oxy (sec)												
SEC TEMP SN					Transmissometer												
PHT COND SN					PAR S/N												
SEC COND SN					O2 Temp Sensor No.												
Niskin	DEPTH	Roset:			Hydro Team-PMEL				Ns	Ns							
No	DESIRED	notes			SALT	Nut.Btl	O2-BtlNo	CHL	No	No							
1	47				157				1								1
2	50				0093	158		1285	2								2
3	40					159		1283	3								3
4	30					160			4								4
5	20					161			5								5
6	10					162			6								6
7	0					163	1219		7								7
8									8								8
9									9								9
10									10								10
11									11								11
12									12								12

Notes:

Vessel R/V Wecoma		Cruise ID TN250 WE1008b		Project & Leg Eco-FOCI		AFSC Cruise ID 1WE10						Station No. 47												
Consc Cast #	Latitude		Longitude				Time (GMT)		Dry Bulb (°C)		Wet Bulb (°C)		Pressure (mb)		Sea State Visibility		Wind Dirn. (deg)		Wind Spd. (kts)		Cloud (amt) Type Weather		Bottom Depth (m)	
	Deg	Min	Deg	Min	Day	Mo	Yr	HR	Min	(°C)	(°C)	(mb)	.	.	(deg)	*	*	*	*	(m)				
SBE 9+																								
PRESS SN																								
PRI TEMP SN																								
SEC TEMP SN																								
PRI COND SN																								
SEC COND SN																								
Niskin	Depth	Roset.	Hydro Team-PWEL																					
No.	Desired	Notes	Salt	Nut.Btl	O2-Btl.No	Chl.																		
1	65			164	✓235																			
2	50			165		✓285																		
3	40			166			✓283																	
4	30			167				✓																
5	20			168					✓															
6	10			169						✓														
7	0			170							✓													
8												✓												
9													✓											
10														✓										
11															✓									
12																✓								

Notes:

VESSEL R/V Wecoma	CRUISE ID TN250 WE1008b	PROJECT & LEG		AFSC Cruise ID 1WE10		STATION NO. 48
		Eco-FOC				
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)
DEG	MIN	DEG	MIN	DAY	MO	YR
05	58	46	41	17	07	17
		N				
		170	17	6	1	W
		Z				
SBE 9*				FLUOR S/N		
PRESS SN				SBE43-Oxy (prime)		
PRI TEMP SN				SBE43-Oxy (sec)		
SEC TEMP SN				Transmissometer		
PRI COND SN				PAR S/N		
SEC COND SN				O2 Temp Sensor No.		
Niskin	DEPTH	ROSETTE	Hydro Team-PMEI	NIS	NIS	NIS
NO.	DESIRED	NOTES	SALT	NUT.BTL	O2 BTL NO.	CHL
1	65			171		
2	50			172		285
3	40			173		283
4	30			174		
5	20			175		
6	10		-095	176		
7	0			177	145	
8						
9						
10						
11						
12						

Notes:

VESSEL R/V Wecoma	CRUISE ID TN250 WE1008b	PROJECT & LEG		AES/Cruise ID 1WE10	STATION NO. 49											
		CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
		0525854.91 N	17019.65 W	27 AUG 10 1609	8.4	8.4	1066	23120							70	
SBE 9+					FLUOR S/N											MAX. DEPTH =
PRESS SN					SBE43-Oxy (prime)											m
PRI TEMP SN					SBE43-Dry (sec)											
SEC TEMP SN					Transmissometer											
PRI COND SN					PAR S/N											
SEC COND SN					O2 Temp Sensor No.											
Niskin	DEPTH	Roset.			Hydro Team-PMEI				NIS						NIS	
No.	DESIRED	notes	SALT	NUT BTI	O2-BTI No	CHL			No.						No.	
1	65			176	-242				1						1	
2	50			174		285			2						2	
3	40			180		283			3						3	
4	30			181					4						4	
5	20			182					5						5	
6	10			183					6						6	
7	0			184					7						7	
8									8						8	
9									9						9	
10									10						10	
11									11						11	
12									12						12	

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC CRUISE ID 1WE10		STATION NO. 50								
CONSC CAST #	LATITUDE	LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	BOTTOM DEPTH	STA. NAME/ID	
		DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	* * (deg)	(kts)	* * (m)
0535906.43N	17014.82W	27	AUG	10	1726	8	.	1	8	.	1	06	22	114	67	
SBE 9+						FLUOR S/N										MAX DEPTH =
PRESS SN						SBE43-Oxy (prime)										m
PRI TEMP SN						SBE43-Oxy (sec)										
SEC TEMP SN						Transmissometer										
PRI COND SN						PAR S/N										
SEC COND SN						O2 Temp Sensor No										
Niskin	DEPTH	Roset.		Hydro Team-PBEL		NIS		NIS		NIS						NIS
No.	DESIRED	notes	SALT	Nut. BtI	O2-BtI No	CHL.		No.		No.						No.
1	62			185				1								1
2	50		✓ 0096	184		285		2								2
3	40			187		283		3								3
4	30			188				4								4
5	20			189				5								5
6	10			1				6								6
7	0			2	✓ 197			7								7
8								8								8
9								9								9
10								10								10
11								11								11
12								12								12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 51									
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	*	(m)
0545914.80 N	7024.71 W		1844	4.5	8	AUG	0	10	20	216	1000		20	4	67		
SBE 9+			FLUOR S/N														MAX DEPTH =
PRESS SN			SBE43-Oxy (prime)														m
PRI TEMP SN			SBE43-Oxy (sec)														
SEC TEMP SN			Transmissometer														
PRI COND SN			PAR S/N														
SEC COND SN			O2 Tmp Sensor No.														
Nskin	DEPTH	Roset	Hydro Team-PWEL		NIS		NIS		NIS		NIS		NIS		NIS		
No.	DESIRED	notes	SALT	Nut.Btl	02-BTLNO	CHL.											
1	62		3	175			1										1
2	50		4		285		2										2
3	40		5		283		3										3
4	30		6				4										4
5	20		7				5										5
6	10		8				6										6
7	D		9				7										7
8							8										8
9							9										9
10							10										10
11							11										11
12							12										12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10						STATION NO. 52				
CONSC. CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	(m)
055 59 39 . 29 N	17 43 9 . 29 W	27 AUG 10 2040	8 . 6	8 . 6	07											
SBE 9+			FLUOR S/N													
PRESS SN			SBE43-Dwy (prime)													
PRI TEMP SN			SBE43-Oxy (sec)													
SEC TEMP SN			Transmissometer													
PRI COND SN			PAR S/N													
SEC COND SN			O2 Temp Sensor No.													
Nestbin	DEPTH	ROSET.	Hydro Team-PMEI						NIS	NIS						
No.	DESIRED notes		SALT	Nut.Bel	O2-BLNG	CHL.		No.	No.	No.						
1	164			10				1							1	
2	50			11			285		2						2	
3	40			12			283		3						3	
4	30			13				4							4	
5	20			14				5							5	
6	10			15				6							6	
7	0		1091	16	458			7							7	
8								8							8	
9								9							9	
10									10						10	
11									11						11	
12									12						12	

Notes:

VESSEL R/V Necoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 53	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB	WET BULB	PRESSURE
DEG	MIN	DEG	MIN	DAY	MO	YR	(°C)	(°C)	SEA STATE
SBE 9+		SBE 43 Oxy (prime)		HR	MN		(mb)	(mb)	WIND DIRN.
PRESS SN		SBE43-Oxy (sec)					(deg)	(deg)	WIND SPD.
PRI TEMP SN		Transmissometer					(kts)	(kts)	CLOUD (amt)
SEC TEMP SN		PAR S/N							TYPE
PRI COND SN		O2 Temp Sensor No.							WEATHER
SEC COND SN									BOTTOM DEPTH
Niskin	DEPTH	Reset.							STA. NAME/ID
No.	DESIRED								
	notes	SALT	Nut.BTU	O2-Btu/No	CHL.		NIS		NIS
1	16.5	17	x208	208		1			No.
2	50	18		285		2			
3	40	19		283		3			
4	30	20				4			
5	20	21				5			
6	10	22				6			
7	0	23				7			
8						8			
9						9			
10						10			
11						11			
12						12			

Notes:

FL. Mag. (bottom layer 30-40m) 1.5
Replot off bleedee values after survey

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG EcoFOCI		AFSC Cruise ID WE10		STATION NO. 54	
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND	BOTTOM
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	DIRN	DEPTH
057593	5.71	N 17055.37	W 27 AUG 10	2248	8.7	8.6	6	18818	71
SBE 9*			FLUOR S/N						
PRESS SN			SBE43-Oxy (prime)						
PRI TEMP SN			SBE43-Oxy (sec)						
SEC TEMP SN			Transmissometer						
PRI COND SN			PATL S/N						
SEC COND SN			O2 Trip Sensor No.						
Niskin		Roset:		Hydro Team-PMEL		Nisk		Nisk	
No.	DEPTH	DESIR ED	notes	SALT	Nut.Btl	O2-Btl.No	CHL.	No.	No.
1	Bot	67		X	29			1	1
2	50				25		285	2	2
3	40				26		283	3	3
4	30				27			4	4
5	20				28			5	5
6	10				29	144		6	6
7	0				30			7	7
8								8	8
9								9	9
10								10	10
11								11	11
12								12	12

Notes:

REMARKS
30m Chelaebyl max
jellyfish are report at 20m

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 55								
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	*	*	(deg)	(deg)	*	*	(m)	
SBE 9+																
PRESS SN																
PRI TEMP SN																
SEC TEMP SN																
PRI COND SN																
SEC COND SN																
Nishim DEPTH	Roset.		Hydro Team-PWEL		NS		NS		NS		NS		NS		NS	
No.	DESIRED notes	SALT	Nut.Btl	02-Btl.No	CHL		No.		No.		No.		No.		No.	
1	1301			31				1								1
2	150			32			285	2								2
3	140			198	33		283	3								3
4	135			34				4								4
5	120			35				5								5
6	10			36	178	✓		6								6
7	8			37				7								7
8								8								8
9								9								9
10								10								10
11								11								11
12								12								12

Notes:

VESSEL R/V Wecoma		CRUISE ID: TN250 WE1008b		PROJECT & LEG [Eco-FOC]		AFSC Cruise ID IWE10		STATION NO. 57																
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (kt/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID								
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MN	*	*	*	*	*	*	*								
0 6 0	5	9	5	3	.89	N	17	1	15	48	W	28	AUG	1	0	03	18	8.6	8.6	6	19	018	71	
SBE 9+																								
PRESS SN																								
PRI TEMP SN																								
SEC TEMP SN																								
PRI COND SN																								
SEC COND SN																								
Niskin	Depth		Roset.		Hydro Team-PMEL		NIS		NIS		NIS		NIS		NIS									
No.	DESIRED	notes	SALT	NUT.BR	02-BTL NO.	CHL.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.							
1	45		X 0.99	45	107			1																
2	50			46				2																
3	40			47				3																
4	30			48				4																
5	20			49				5																
6	10			50				6																
7	0			51				7																
8								8																
9								9																
10																								
11																								
12																								

Notes:

REMARKS

jelly affecting 10

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID WE10						STATION NO. 58			
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB (*C)	WET BULB (*C)	PRESSURE (mb)	SEA STATE	WIND DIRN (deg)	WIND SPD. (kts)	CLOUD (amt)	BOTTOM DEPTH (m)	STA. NAME/ID	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	*	*	*	*	*	*	
SBE 9+															
PRESS SN															
PRI TEMP SN															
SEC TEMP SN															
PRI COND SN															
SEC COND SN															
N.Skin	DEPTH	Roset:	Hydro Team+PMEL						N.S.	MAX. DEPTH =					
No.	DESIRED notes	SALT	Nut.Btl	02-Btl.No	CHL				No.	m					
1	30T 64f		53	147	285				1						
2	50		53	147	285				2						
3	40		54	283					3						
4	30		55						4						
5	20		56						5						
6	10		57						6						
7	1		58						7						
8									8						
9									9						
10									10						
11									11						
12									12						

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10						STATION NO. 59									
CONC. CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB ("C)		WET BULB ("C)		PRESSURE (mb)		SEA STATE VISIBILITY		WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MN	(C)	(C)	(mb)	*	*	(deg)	(kts)	*	*	(m)		
SBE 9*																					
PRESS SN																					
PRI TEMP SN																					
SEC TEMP SN																					
PRI COND SN																					
SEC COND SN																					
Niskin	DEPTH	Roset.	Hydro Team-PHEC						NS		NS		NS		NS		NS		NS		
NO.	DESIRED	notes	SALT	Nut.Btl	02-Btl.No	CHL			No												
1	bot	b7			59	23	/		1												
2	50				60		X	285	2												
3	40				61		X	287	3												
4	30				62		X	289	4												
5	24				63		X	277	5												
6	24						X	288	6												
7	24						X	283	7												
8	20	Ch. mvt			64				8												
9	11.5				65		X	283	9												
10	11.5						X	283	10												
11	11.5						X	283	11												
12	0				66		X	283	12												

Notes:

VESSEL

VESSEL

CRUISE ID: TN250

PROJECT & LEG

AFSC Cruise ID

STATION NO.

6

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		ATSSC Cruise ID 1WE10		STATION NO. 60	
CONSC CAST #		LATITUDE	LONGITUDE			TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	SEA STATE VISIBILITY
06 36 00	4.49 N	171 59 . 93 W	28 AUG 10	092	1	8.7	8.6	05	WIND DIRN. (deg)
SBE 9+		FLUOR S/N							WIND SPD. (kts)
PRESS S/N		SBE43-Oxy (prime)							CLOUD (amt) TYPE
PRI TEMP S/N		SBE43-Oxy (sec)							WEATHER
SEC TEMP S/N		Transmissometer							BOTTOM DEPTH (m)
PRI COND S/N		PAR S/N							STA. NAME/ID
SEC COND S/N		O2 Tmp Sensor No.							
N/Skin	DEPTH	ROSET.	Hydro Team-PMEL				N/S		N/S
No.	DESIRED	mores	SALT	Nut.Btl	O2-Btl No	CHL	No		No.
1	57			67	1221		1		1
2	50			68		285	2		2
3	40			69		283	3		3
4	30			70			4		4
5	20			71			5		5
6	10	0101	72				6		6
7	0	73					7		7
8							8		8
9							9		9
10							10		10
11							11		11
12							12		12

Notes:

VESSEL R/V <i>Wecoma</i>		CRUISE ID TN250	PROJECT & LEG Eco-FOC	AFSC Cruise ID WE1008b	STATION NO. WE10								
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
0 6 4 5	9 5 3 . 8 7 N	7 2 1 0 . 0 0 W	2 3 A U G 1 0	1 0 5 3	8 . 7	6 . 6	0 5	1 6 5	1 4			7 0 M 3 9	
SBE 9+			FLUOR S/N									MWSW	
PRESS SN			SBE43-Oxy (prim)										
PRI TEMP SN			SBE43-Oxy (sec)										
SEC TEMP SN			Transmissometer										
PRI COND SN			PAR S/N										
SEC COND SN			O2 Tmp Sensor No.										
Niskin	DEPTH	Rosett.	Hydro Team-PMEI				NIS	NIS	NIS				
No.	DESIRED	notes	SALT	Nut.BH	O2.BuNo	CHL.	No.	No.	No.				
1	67		74				1						
2	50		75		285		2						
3	40		76		283		3						
4	30		77				4						
5	20		78				5						
6	10		79				6						
7	0		80	1227	✓		7						
8							8						
9							9						
10							10						
11							11						
12							12						

Notes:

VESSEL R/V Welcome		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. <i>192</i>									
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE DIRN.	WIND DIRN.	WIND SPD. (kt/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN		*	*	(deg)	(kt/s)	*	*	(m)
0655954.67N	17226.12W	28AUG10	1207	8.6	8.40	05		180	14					73			70m4/0
SBE 9+			FLUOR S/N														MAX. DEPTH =
PRESS SN			SBE43-Oxy (prime)														m
PRI TEMP SN			SBE43-Oxy (sec)														
SEC TEMP SN			Transmissometer														
PRI COND SN			#PAR SN														
SEC COND SN			O2 Tmp Sensor No.														
Niskin	DEPTH	ROSET.	Hydro Team-PMEI			NIS			NIS			NIS			NIS		
No.	DESIRED	notes	SALT	NUT.BTU	O2-BTU.NO	CHL.											
1	68		10102	81	1167												1
2	50		82		285												2
3	40		83		283												3
4	30		84														4
5	20		85														5
6	10		86														6
7	0		87														7
8																	8
9																	9
10																	10
11																	11
12																	12

Notes:

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID TWE10		STATION NO. 64									
CONSC CAST #	LATITUDE	LONGITUDE		TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID			
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	*	(m)
067	60	02.23	N	173	50	.39	W	28	AUG 10	/4318.8	8.805	172	1	1	1	66	
SBE 9+																	
PRESS SN																	
PRI TEMP SN																	
SEC TEMP SN																	
PRI COND SN																	
SEC COND SN																	
Naskin	DEPTH	Roset.		Hydro Team-PMEI								NIS		NIS			
No.	DESIRED	notes		SALT	Nut.Bt	O2-Bt(No)	CHL						No.		No.		
1	63			95	222								1		1		
2	50			96	285								2		2		
3	40			97	283								3		3		
4	30			98									4		4		
5	20			99									5		5		
6	10			100									6		6		
7	0		✓0103	101									7		7		
8													8		8		
9													9		9		
10													10		10		
11													11		11		
12													12		12		

Notes:

70M42
STA. NAME/ID
MAX DEPTH = m

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 65									
CONSC CAST #	DEG	LATITUDE		LONGITUDE		TIME (GMT) 173 19.02N 28 AUG 10 1540 8.91 9.905 14513	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. SPD.	WIND DIRN. SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
		MIN	DEG	MIN	DAY												
SBE 9+																	
PRESS SN																	
PRI TEMP SN																	
SEC TEMP SN																	
PRI COND SN																	
SEC COND SN																	
Niskin	DEPTH	ROSETTE															
No.	DESIRED	NOTES	SALT	NUT.BI	O2 BI.NO	CHL											
1	65			102													
2	50			103		285											
3	40			104		283											
4	30			105													
5	20			106													
6	10			107													
7	0			108	182												
8																	
9																	
10																	
11																	
12																	

Notes:

Tom 43

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG EcoFOCI		AFSC Cruise ID 1WE10		STATION NO. 3160									
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND	WIND	CLOUD (amt)	WEATHER	BOTTOM	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	(m)
SBE 9+																	
PRESS SN																	
PRI TEMP SN																	
SEC TEMP SN																	
PRI COND SN																	
SEC COND SN																	
Niskin	DEPTH	Roset.	Hydro Team-PMEL				NIS	NIS									
No	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No	CHL.	No.	No.									
1	65			109	✓050			1									1
2	50			110	285			2									2
3	40			111	283			3									3
4	30			112				4									4
5	20			113				5									5
6	10			114				6									6
7	0			115				7									7
8								8									8
9								9									9
10								10									10
11								11									11
12								12									12

Notes:

VESSEL R/V <i>Wecoma</i>		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. <i>67</i> <i>70m45</i>												
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE DIRN. (deg)	WIND DIRN. (kts)	CLOUD (amt)	WIND TYPE	BOTTOM DEPTH (m)	STA. NAME/ID					
	DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	*	*	*	*	*	*						
	0	70	60	25.	50	N	173	35.	51	W	28	AUG	10	18	16	8.5	8.505	11513	65	
SBE 9+							FLUOR S/N													
PRESS SN							SBE43-Oxy (prime)													
PRI TEMP SN							SBE43-Oxy (sec.)													
SEC TEMP SN							Transmissometer													
PRI COND SN							PAR S/N													
SEC COND SN							O2 Tmp Sensor No.													
Niskin	DEPTH	Rosette		Hydro Team-PMEI		NIS		NIS		NIS		NIS		NIS						
NO.	DESIRED	notes		SALT	NUT.BU	O2-Btl No	CHL.	No.		No.		No.		No.						
1	60					116		1		1		1		1						
2	50					117		2		2		2		2						
3	40					118		3		3		3		3						
4	30					119		4		4		4		4						
5	20					120		5		5		5		5						
6	10					121		6		6		6		6						
7	0					122	1243	7		7		7		7						
8								8		8		8		8						
9								9		9		9		9						
10								10		10		10		10						
11								11		11		11		11						
12								12		12		12		12						

Notes:

VESSEL R/V Wecoma	CRUISE ID WE1008b	PROJECT & LEG EcoFOCI	AFSC Cruise ID 1WE10												STATION NO. <i>67 68</i>						
			LATITUDE			LONGITUDE			TIME (GMT)			DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
CONSC CAST #	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)		
07	160	34.32	N	173	38.40	W	28	AUG	10	1925	17.5	8.505	/	/	106	14	/	/	68		
SBE 9+																					
PRESS SN																					
PRI TEMP SN																					
SEC TEMP SN																					
PRI COND SN																					
SEC COND SN																					
Niskin	DEPTH	Reset:	Hydro Team: PMEL			NIS			NIS			NIS			NIS			MAX. DEPTH =			
No.	DESIRED	notes	SALT	Nut.BH	02-BH, No.	CHL.															m
1	63				123	128															
2	50				124		1														
3	40				125																
4	30				126																
5	20				127																
6	10				128																
7	0				129																
8																					
9																					
10																					
11																					
12																					

Notes:

VESSEL R/V Wecoma	CRUISE ID TN250	PROJECT & LEG EcoFOC	AFSC Cruise ID 1WE10	STATION NO. 69													
				CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
				47 26.4433 N	173 38.68 W	2010 2038 8.8 8.808											
SBE 9+							FLUOR S/N										
PRESS SN							SBE43-Oxy (prime)										
PRI TEMP SN							SBE43-Oxy (sec)										
SEC TEMP SN							Transmissometer										
PRI COND SN							PAR S/N										
SEC COND SN							O2 Tmp Sensor No.										
Niskin	DEPTH	ROSETTE	Hydro Team-PMEI														
No.	DESIRED	notes	SALT	Nut.BR	O2-Btl.No.	CHL.											
1	66		X 104	130	X 219												
2	50			131		285											
3	40			132		283											
4	30			133													
5	20			134													
6	10			135													
7	0			136													
8																	
9																	
10																	
11																	
12																	

Notes:

10 → 5, 5 → 6 (pump EE), 6 → 0 (on)
then down

processing may need to be manual

VESSEL R/V Weomega	CRUISE ID WE1008	PROJECT & LEG		AFSC Cruise ID		STATION NO. 70
		Eco-FOCI	1WE10			
CONSC CAST #		LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	WET BULB
DEG	MIN	DEG	MIN	DAY	MO	YR
D 7 3	6 0	5 4	. 4 2	N	1 7	3 4 9
SBE 9+		FLUOR S/N				
PRESS SN		SBE43-Oxy (prime)				
PRI TEMP SN		SBE43-Oxy (sec)				
SEC TEMP SN		Transmissometer				
PRI COND SN		PAR S/N				
SEC COND SN		O2 Tmp Sensor No.				
Niskin	DEPTH	ROSET.				
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl No	CHL.
1	74			137		
2	50			138		285
3	46			139		283
4	30			140		
5	26			141		
6	16			142		
7	0			143	X 235	↓
8						
9						
10						
11						
12						

Notes:

VESSEL R/V Wecoma		CRUISE ID WE1008	PROJECT & LEG Eco-FOCI	AFSC Cruise ID 1WE10	STATION NO. 77																
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)																
DEG	MIN	DEG	DAY	MO	YR																
			HR	MIN																	
0756	114.99	N	17344	.449	W	29	AUG	10	0122	9.9	9.1	446	46	74							
SBE 9+			FLUOR S/N																		
PRESS SN			SBE43-Oxy (prime)																		
PRI TEMP SN			SBE43-Oxy (sec)																		
SEC TEMP SN			Transmissometer																		
PRI COND SN			PAR S/N																		
SEC COND SN			O2 Temp Sensor No.																		
Niskin	DEPTH	Roset.	Hydro Team-PME						REMARKS						MAX. DEPTH = 69 m						
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No	CHL.															
1	Bat			157	175																
2	58			152	285																
3	40			153	283																
4	30			154																	
5	20			155																	
6	10			154																	
7	0			157																	
8																					
9																					
10																					
11																					
12																					

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 73		
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	TIME (GMT) DAY MO YR HR MIN	DRY BULB (*C) (*F)	WET BULB (*C) (*F)	PRESSURE (mb)	SEA STATE * VISIBILITY * WIND DIRN. SPD. CLOUD (amt) TYPE WEATHER	WIND DIRN. SPD. CLOUD (amt) TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
PRESS SN										
PRI TEMP SN										
SEC TEMP SN										
PRI COND SN										
SEC COND SN										
Niskin DEPTH	Roset:	Hydro Team-PH&EL								
No.	DESRED notes	SALT	Nut. Btl	O2-Btl No	CHL.					NIS No.
1	69									1
2	50									2
3	40									3
4	30									4
5	20									5
6	10									6
7	5									7
8										8
9										9
10										10
11										11
12										12

Notes:

76m51
73

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 74									
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	DAY	MO	YR	TIME (GMT) HR MIN	DRY BULB (*C)	WET BULB (*C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. DEG	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
SBE 9+																	
PRESS SN							FLUOR SN										
PRI TEMP SN							SBE43-Oxy (prime)										
SEC TEMP SN							SBE43-Oxy (sec)										
PRI COND SN							Transmissometer										
SEC COND SN							PAR S/N										
Niskin	DEPTH	Roset.	Hydro Team-PMEI														
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No	CHL											NIS
1	BAT	671														No.	
2	50		3	166		165	242	285				1				1	
3	40			167		168		283				2				2	
4	30											3				3	
5	20											4				4	
6	10											5				5	
7	0											6				6	
8												7				7	
9												8				8	
10												9				9	
11												10				10	
12												11				11	
												12				12	

Notes:

Super Sat O2 ~ 25-40m

MAX DEPTH = m

VESSEL R/V Weconia		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOC		AFSC Cruise ID 1WE10		STATION NO. 75	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB	WET BULB	PRESSURE
DEG	MIN	DEG	MIN	DAY	MO	YR	(°C)	(°C)	SEA STATE
078	61	43.	66	N	173	51.27	W	29	VISIBILITY
SBE 9+							(mb)	*	WIND DIRN.
PRESS SN							*	*	WIND SPD.
PRI TEMP SN							(deg)	*	CLOUD (amt)
SEC TEMP SN							(kts)	*	TYPE
PRI COND SN								*	WEATHER
SEC COND SN								*	BOTTOM DEPTH
Niskin	DEPTH	Roset.		Hydro Team-PMEI				NIS	STA. NAME/ID
No.	DESIRED	notes	SALT	Nut.Btl	O2-BTLNO	CHL.		No.	
1	30	16C /		172				1	
2	50	/		173		285		2	
3	40	-		174		283		3	
4	30			175				4	
5	20			176				5	
6	10			177	248			6	
7	0			178				7	
8								8	
9								9	
10								10	
11								11	
12								12	

Notes:

REMARKS

B16 chlorox 34-50m

MAX. DEPTH = m

75

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 76					
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG MIN	DEG MIN	DAY MO YR HR MIN										
079 61 51 . 71 N	174 05 . 71 W	29 AUG 10 06 26	8.8	8.8	09	10107	74						70M54
SBE 9+		FLUOR S/N											
PRESS SN		SBE43-Oxy (prime)											
PRI TEMP SN		SBE43-Oxy (sec)											
SEC TEMP SN		Transmissometer											
PRI COND SN		PAR S/N											
SEC COND SN		O2 Time Sensor No.											
Niskin	DEPTH	Roset.	Hydro Team-PMEI				REMARKS						
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No	CHL.							
1	B05		X 41	179									1
2	50		X 41	180	285								2
3	46		X 41	181	283								3
4	30	Supersat 0,	X 44	182	144								4
5	20		X 44	183									5
6	10		X 44	184									6
7	0		X 44	185									7
8													8
9													9
10													10
11													11
12													12

Notes:

VESSEL R/V <i>Wecoma</i>		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOC		AFSC Cruise ID 1WE10		STATION NO. 77			
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE + (deg)	WIND DIRN. SPD. (kts)	WIND CLOUD (amt) TYPE	WEATHER BOTTOM DEPTH (m)	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	*	*	*	*
d 84° 6' 56.57"	N	174° 21.75" W	29 AUG 10	0727	9.6	9.4	10	35703	72	70m55	
SBE 9+											
PRESS SN:											
PRI TEMP SN											
SEC TEMP SN											
PRI COND SN											
SEC COND SN											
Niskin	DEPTH	ROSET.	Hydro Team-PMEI				NIS	NIS			
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No.	CHL	No.	No.			
1	Bot		5	184			1				
2	50			187		285	2				
3	40				188	283	3				
4	30				189		4				
5	20				1		5				
6	10				2		6				
7	6				3	239	7				
8							8				
9							9				
10							10				
11							11				
12							12				

Notes:

VESSEL R/V Wecoma	CRUISE ID: TN250 WE1008b	PROJECT & LEG Eco-FOCI	AFSC Cruise ID 1WE10	STATION NO. 78												
					CONSC CAST #	DEG MIN	DEG MIN	DAY MO	YR	HR MIN	TIME (GMT)	DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE •	VISIBILITY • (deg)
SBE 9+																MAX DEPTH = m
PRESS SN																
PRIM TEMP SN																
SEC TEMP SN																
PRI COND SN																
SEC COND SN																
Niskin	DEPTH	Roset.	Hydro Team PMEL				NIS					NIS				
No.	DESIRED	notes	SALT	NUT.BE	O2-BE[No]	CHL	No.					No.				
1	70		4				1					1				
2	50		5	✓173	265		2					2				
3	40		6		283		3					3				
4	30		7				4					4				
5	20		8				5					5				
6	10		9				6					6				
7	0		10			✓	7					7				
8							8					8				
9							9					9				
10							10					10				
11							11					11				
12							12					12				

Notes:

Niskin #1 blanked from bottom.

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOG		AFSC Cruise ID 1WE10		STATION NO. 79									
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	BOTTOM DEPTH (m)	WEATHER	STA. NAME/ID	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	*	*	(deg)	(kts)	*	*	(m)		
0 8 2	6 1	5 8 . 5 0	N	1 7 4	3 7 . 0 4	W	2 9	A U G 1 0	0 9 5 0	9 . 5	9 . 3	1 0	2 9 0 2		7 5		
SBE 9+				FLUOR S/N													
PRESS SN				SBE43-Oxy (prime)													
PRI TEMP SN				SBE43-Oxy (sec)													
SEC TEMP SN				Transmissometer													
PRI COND SN				PAR S/N													
SEC COND SN				O2 Temp Sensor No.													
Niskin	DEPTH	Rosett.		Hydro Team:PMEL		Nis		Nis		Nis		Nis		Nis		Nis	
No.	DESIRED	notes	SALT	Nut.BI	02-BTL NO.	CHL.				No.		No.		No.		No.	
1	70			11						1							1
2	50		✓ 6	12		285				2							2
3	40			13		243				3							3
4	30			14						4							4
5	20			15						5							5
6	10			16						6							6
7	0			17	✓ 107	✓				7							7
8										8							8
9										9							9
10										10							10
11										11							11
12										12							12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 80						
CONSC CAST #	DEPTH	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB ("C)	WET BULL ("C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
043621	11.99N	17444.99W	29 AUG 10	1216	9.4	9.3	10	05102					73	M8
SBE 9*				FLUOR S/N										MAX. DEPTH =
PRESS SN				SBE43-Dry (prime)										m
PRI TEMP SN				SBE43-Dry (sec)										
SEC TEMP SN				Transmissometer										
PRI COND SN				PAR S/N										
SEC COND SN				O2 Trip Sensors No.										
Niskin	DEPTH	Roset.	Hydro Team-PHML				NIS							NIS
No.	DESIRED	notes	SALT	Nut.Btl	02-Btl.No.	CHL.	No.							No.
1	70		14	✓ 147			1							1
2	50		19		285		2							2
3	40		20		283		3							3
4	30		21		283		4							4
5	21		22		✓ 283		5							5
6	21				✓ 224		6							6
7	21				✓ 287		7							7
8	10		23		283		8							8
9	0		24		283		9							9
10														10
11														11
12														12

Notes:

Notes:

Nskin the - nose drops before cracking seal.

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOC		AFSC Cruise ID 1WE10		STATION NO. 82												
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID			
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN		*	*	(deg)	(kts)	*	*	(m)				
0	85	6	2	11	49	N	17	51	11	98	W	29	AUG	10	1558	9.3	9.2	10	09906	80
SBE 9+																				
PRESS SN																				
PRI TEMP SN																				
SEC TEMP SN																				
PRT COND SN																				
SEC COND SN																				
Niskin	DEPTH	Roset.		Hydro Team-PME						NIS		NIS								
No	DESIRED	notes	SALT	NuLB#	O2-Btl#	No.	CHL.	No.												
1	75			32	22	1														
2	50			33		2														
3	40			34		3														
4	30			35		4														
5	20			36		5														
6	10			37		6														
7	0			38		7														
8																				
9																				
10																				
11																				
12																				

Notes:

VESSEL

VESSEL

CRUISE ID TN250
WE1008h

PROJECT & LEG
Eco-FONT

AFSC Cruise ID
1WFE10

Notes:

VESSEL

27

CRUISE ID TN250

AFSC Cruise ID

WE1008b

1WE10

ITION NO.

Notes:

VESSEL R/V <i>Wecoma</i>	CRUISE ID: TN250 WE1008b	PROJECT & LEG Eco-FOCI	AFSC Cruise ID 1WE10	STATION NO. 85	TIME (GMT)																					
					DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. DEGL (kts)	WIND SPD. (kts)	CLOUD TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID			
					0	88	62	12	00	N	17	53	2	93	W	35	AUG	10	00	R	10.3	9.3	11	33209	8.5	SL5
SBE 9+																										
PRESS SN																										
PRI TEMP SN																										
SEC TEMP SN																										
PRI COND SN																										
SEC COND SN																										
Niskin	Depth	Desired	Notes																							
1	Bot	80-																								
2	65	-																								
3	50	-																								
4	40	-																								
5	30	-																								
6	20	-																								
7	10	-																								
8	0	-																								
9																										
10																										
11																										
12																										

Notes:

falling at 20 m over upper 29

VESSEL R/V WECOMA	CRUISE ID WE1008b	PROJECT & LEG Eco-FOCI	AFSC Cruise ID 1WWE10	STATION NO. 86														
CONSC CAST #	DEPTH DEG	LATITUDE MIN	DEPTH DEG	LONGITUDE MIN	DAY	MO	YR	TIME (GMT) HR	DRY BULB (*C)	WET BULB (*C)	PRESSURE (mb)	SEA STATE	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
089	62	12.600	09	17509.09	W	30	AUG	10	08	14410	9.5	11	35808			79	M8W	
SBE 9+																	SL14	
PRESS SN																		
PRI TEMP SN																		
SEC TEMP SN																		
PRI COND SN																		
SEC COND SN																		
Nskin	ROSET																	
DEPTH																		
No.	DESIR ED notes	SALT	Nut.BH	02-Bt:No	CML.				No									
1	BOT	1							1									
2	50	1	62						1									
3	40	1	63						2									
4	30	1	64						3									
5	20	1	65						3									
6	10	1	66						4									
7	0	1	67	222	2				5									
8									6									
9									6									
10									7									
11									8									
12									9									
									10									
									11									
									12									

Notes:

VESSEL
R/V **Weconia**

CRUISE ID: TN250
WE1008b

PROJECT & LEG
Eco-FOCI

AFSC Cruise ID
1WE10

STATION NO.
87

TIME (GMT)

WET BULB

M8
SUZ

(°C)

DRN.

SPD.

CLOUD (amt)

TYPE

WEATHER

BOTTOM

DEPTH

STA. NAME/ID

CONSC
CAST #

LATITUDE

TIME (GMT)

DRY BULB

PRESSURE

SEA STATE

VISIBILITY

WIND

DIRN.

WIND

SPD.

CLOUD (amt)

TYPE

WEATHER

BOTTOM

DEPTH

STA. NAME/ID

DEG

MIN

DEG

MIN

DAY

MO

YR

HR

MIN

(°C)

(mb)

•

•

(deg)

(kts)

•

•

(m)

SEC TEMP SN

PAR COND SN

SEC COND SN

SBE 9+

PRESS SN

PRI TEMP SN

PAR SN

Transmissometer

PAR SN

02 Tmp Sensor No.

Niskin

DEPTH

Roset.

Hydro Team-PMEI

NIS

No.

NIS

REMARKS

fully but 31 at 50 cm upward

No.	DESIRED notes	SALT	NUT.BR	02-BT(No)	CHL.	No.	TIME (GMT)						DRN.	SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
							DEG	MIN	DAY	MO	YR	HR	MIN						
1	R.T			11	69	182			1										
2	56			70			285		2										
3	46			71			283		3										
4	30			72					4										
5	20			73					5										
6	10			74					6										
7	6			75					7										
8									8										
9									9										
10									10										
11									11										
12									12										

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOC		AFSC Cruise ID 1WE10		STATION NO. 88												
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID		
	DEG	MIN		DEG	MIN	DAY	MO	HR	MIN	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	*	(m)		
SBE 9+																				
PRESS SN																				
PRT TEMP SN																				
SEC TEMP SN																				
PRI COND SN																				
SEC COND SN																				
Niskin	DEPTH	Roset.						Hydro Team-PMEL						NIS	NIS					
No.	DESIRED	notes	SALT	Nut. Btl	O2-Btl No	CHL														
1	100 T	1																1		
2	50	1		76														1		
3	40	1		77				285										2		
4	30	1		78				283										3		
5	20	1		79	658													4		
6	10	1		80														5		
7	8	1		81														6		
8				82														7		
9																		8		
10																		9		
11																		10		
12																		11		
																		12		

REMARKS

Kelly on 2nd day, 9/20 on espcon

MAX DEPTH = m

Notes:

VESSEL R/V Welcomia		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 89	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	HR	SEA STATE
0 9 2	4 2	0 8	.78	N	1 7	3	58	43	DIRN. (deg)
SBE 9+		FLUOR S/N		SBE43-Oxy (prime)		SBE43-Oxy (sec)			WIND SPD. (kts)
PRESS SN				Transmissometer					CLOUD (amt)
PR1 TEMP SN				PAR S/N					TYPE WEATHER
SEC TEMP SN				O2 Tmp Sensor No.					BOTTOM DEPTH (m)
PRI COND SN									STA. NAME/ID
SEC COND SN									MAX DEPTH = m
Niskin	DEPTH	Reset:		Hydro Team-PHETL				NIS	
No.	DESIRED	notes		SALT	Nut.BH	O2-BL/No	CHL	No.	NIS
1	30	- 59		12	83			1	
2	50			84				2	
3	40			85		285		3	
4	30			86	243			4	
5	20			87				5	this oxy sample might be diff than T-T value if sample is homogeneous
6	10			88				6	
7	0			89				7	
8								8	
9								9	
10								10	
11								11	
12								12	

Notes:

VESSEL R/V Wecoma		CRUISE ID WE1008b	PROJECT & LEG Eco-FOCI	AFSC Cruise ID 1WE10	STATION NO. 90
CONSC CAST #	DEG MIN	LATITUDE	DEG MIN	LONGITUDE	TIME (GMT)
D 49 36	20 51	56.79 N	173 17	17.24 W	DAY MO YR HR MIN
SBE 9+					(°C) (°C) (mb)
PRESS SN					• • (deg)
PRI TEMP SN					• (kts)
SEC TEMP SN					• • (m)
PRI COND SN					MAX. DEPTH =
SEC COND SN					m
Niskin	DEPTH	Roset.	Hydro Team-PMEI		
No.	DESIRED	Notes	SALT	Nut.Btl	O2-Btl/No
1	5.5		9.0	218	
2	5.0		9.1		1
3	4.0		9.2		2
4	3.0		9.3		3
5	2.0		9.4		4
6	1.0		9.5		5
7	0		9.6		6
8					7
9					8
10					9
11					10
12					11
					12

Notes:

VESSEL
R/V Wecoma

CRUISE ID TN250
WE1008b

PROJECT & LEG
Eco-FOCI

AFSC Cruise ID
1WE10

STATION NO.
91

SL8a

CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR												
094620Z1811N	172	36.13	30	10	0924	09.3	21.2	315	11	55									
SBE 9+			FLUOR SN																
PRESS SN			SBE43-Oxy (prime)																
PRI TEMP SN			SBE43-Oxy (sec)																
SEC TEMP SN			Transmissometer																
PRI COND SN			PAR S/N																
SEC COND SN			O2 Tmp Sensor No.																
Niskin	DEPTH	Roset.	Hydro Team-PMEL					NIS											NIS
No.	DESIRED	notes	SALT	Nut.Bt	O2 BU.NO	CHL.		No.											No.
1	50		9.7	219	285			1											1
2	40		9.8		X 283			2											2
3	30		9.9		X 1			3											3
4	20		100		X			4											4
5	10		101		X			5											5
6	0		102		X			6											6
7								7											7
8								8											8
9								9											9
10								10											10
11								11											11
12								12											12

Notes:

VESSEL R/V Weomega		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 92								
CONSC CAST #		LATITUDE	LONGITUDE			TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg.)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
09561	59.82 N	17154.95 W	30 AUG 10	1132	9.6	8.6	12	3231	13	53						SL6a
SBE 9+		FLUOR SN														MAX. DEPTH =
PRESS SN		SBE43-Oxy (prime)														
PRI TEMP SN		SBE43-Oxy (sec)														
SEC TEMP SN		Transmissometer														
PRI COND SN		P&R S/N														
SEC COND SN		O2 Tmp Sensor No.														
Mission	DEPTH	Roset.	Hydro Team-PMEL				NIS									NIS
No.	DESIRED	notes	SALT	Nut.Bti	O2-Bti/NO	CHL.	No.									No.
1	47			103		285	1									1
2	40			104		283	2									2
3	30			105			3									3
4	20			106			4									4
5	10			107			5									5
6	0		✓ 13	108	✓ 235	✓ ↓	6									6
7							7									7
8							8									8
9							9									9
10							10									10
11							11									11
12							12									12

Notes:

VESSEL R/V Weconia		CRUISE ID: TN250 WE1008b		PROJECT & LEG EcoFOCI		AFSC Cruise ID 1WE10		STATION NO. 93				
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	TIME (GMT) DAY MO YR HR MIN	DRY BULB ("C) ("C)	WET BULB (mb)	PRESSURE SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE WEATHER	BOTTOM DEPTH (m)	<i>SL4a</i> STA. NAME/ID
SBE 9+				FLUOR S/N								
PRESS SN				SBE43-Oxy (prime)								
PRI TEMP SN				SBE43-Doxy (sec)								
SEC TEMP SN				Transmissometer								
PRI COND SN				PAR S/N								
SEC COND SN				O2 Tmp Sensor No.								
Niskin	Depth	Rosette	Hydro Team - PMEL				NIS	NIS	NIS	NIS	NIS	
No.	DESIRED	notes	SALT	MUL.BI	O2-BTL No.	CHL	No.	No.	No.	No.	No.	
1	47			109		X 285	1					1
2	40			110		X 283	2					2
3	30			111	✓)45	X 1	3					3
4	20			112		X 1	4					4
5	10			113		X 1	5					5
6	0			114		X 1	6					6
7							7					7
8							8					8
9							9					9
10							10					10
11							11					11
12							12					12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOOT		AES/Cruise ID 1WE10		STATION NO. 74											
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND	WIND	CLOUD (amt)	WEATHER	BOTTOM	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	*	(m)	
0976153.88N		17032.63W		30	AUG	10	15	41	91.0	8.8	12	32	115	47			SL2a		
SBE 9+					FLUOR S/N														
PRESS. SN					SBE43-Oxy (prime)														
PRI. TEMP. SN					SBE43-Oxy (sec)														
SEC TEMP. SN					Transmissometer														
PRI. COND. SN					PAR S/N														
SEC COND. SN					O2 Temp Sensor No.														
Niskin	DEPTH	Roset.		Hydro Team-PMEI															
No.	DESIRED	notes	SALT	NUT.BT	O2-BT,NO	CHL.													
1	42		119	115				1											
2	30		119	116				2											
3	20		117	117				3											
4	10		118	118				4											
5	0		119	1175				5											
6								6											
7								7											
8								8											
9								9											
10								10											
11								11											
12								12											

Notes:

VESSEL R/V Wecoma	CRUISE ID TN250 WE1008b	PROJECT & LEG Eco-FOCI	1WE10	AFSC Cruise ID STA. NAME/ID	STATION NO.												
CONSC CAST #	DEG MIN	DEG MIN	DAY MO	YR	TIME (GMT)	DRY BULB (*C)	WET BULB (*C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)		
0986150.89 N	16951.49 W	30 AUG 10	1736	9.1	9.0	12	33118	44								521	
SBE 9+		FLUOR S/N															
PRESS SN		SBE43-Oxy (prime)															
PRI TEMP SN		SBE43-Oxy (sec)															
SEC TEMP SN		Transmissometer															
PRI COND SN		PAR SN															
SEC COND SN		O2 Tmp Sensor No.															
Niskin	Depth	Roset.			Hydro Team-PMEL												
No.	Desired	Notes	SALT	Nut.BH	O2-Btl No	CHL.											
1	39			120	1197	✓ 283											
2	30			121		/											1
3	20			122		/											2
4	10			123		/											3
5	0			124		/											4
6																	5
7																	6
8																	7
9																	8
10																	9
11																	10
12																	11
																	12

Notes:

VESSEL R/V Wiecombe	CRUISE ID WE1008b	PROJECT & LEG Eco-FOG	AFSC Cruise ID 1WE10	STATION NO.										
SBE 9+			FLUOR S/N											
PRESS SN			\$8E43-Oxy (prime)											
PRI TEMP SN			SBE43-Oxy (sec)											
SEC TEMP SN			Transmissometer											
PRI COND SN			PAR SN											
SEC COND SN			0.2 Tmp Sensor No.											
Niskin	Depth	Roset:	Hydro Team PMEL	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No.	CHL.		No.						
1	34			125				1						
2	20			126				2						
3	10			127				3						
4	0			15	128	242		4						
5								5						
6								6						
7								7						
8								8						
9								9						
10								10						
11								11						
12								12						

Notes:

VESSEL R/V Wiecoma	CRUISE ID TN250 WE1008b	PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 98									
		CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	TIME (GMT) DAY MO YR HR MIN	DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE DIRN.	WIND SPD. (kts)	WIND DIRN. (deg)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
		SBE 9+				FLUOR S/N									
		PRESS SN				SBE43-Oxy (prime)									
		PRI TEMP SN				SBE43-Oxy (sec)									
		SEC TEMP SN				Transmissometer									
		PRI COND SN				PAR S/N									
		SEC COND SN				O2 Tmp Sensor No.									
MISSION		Roset.		Hydro Team-PMEL		NIS		NIS		NIS		NIS		NIS	
No.	DESIRED notes		SALT	Nut.Btl	O2-Btl.No	CHL.		No.		No.		No.		No.	
1	3.6		133	144				1							1
2	3.0		134	144	15			2							2
3	2.0	interface	135	136	N			3							3
4	1.0		137	137	Z			4							4
5	0							5							5
6								6							6
7								7							7
8								8							8
9								9							9
10								10							10
11								11							11
12								12							12

Notes:

VESSEL R/V Wiecome		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID TWE10		STATION NO. 99						
CONSC CAST #		LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	•	•	•	•	•	M L 2
102	62	04.	95 N	170	19.	24 W	31	AUG	10	0328	8.8	7.6	15	31012
SBE 9+														
PRESS SN														
PRI TEMP SN														
SEC TEMP SN														
PRI COND SN														
SEC COND SN														
Niskin	DEPTH	Roset.			Hydro Team-PMEL				NIS No.					NIS No.
No.	DESIRED notes	SALT	NUT.BT	O2-BTU/MO	CHL									
1	305	41	X 16	138	239	283			1					1
2	30			139		283			2					2
3	30			196		283			3					3
4	10			141		283			4					4
5	0			192		283			5					5
6									6					6
7									7					7
8									8					8
9									9					9
10									10					10
11									11					11
12									12					12

Notes:

VESSEL
R/V Wecoma

CRUISE ID TN250
WE1008b

PROJECT & LEG
Eco-FOCI

AESC Cruise ID
1WE10

STATION NO.
100

CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)						DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRM.	WIND SPD.	CLOUD (amt)	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	*	(m)	
6036158.25N			17046.84W		31	AUG	10	04	58	9.2	8.0	1016	31	208					
SBE 9+										FLUOR S/N									
PRESS SN										SBE43-Dry (prime)									
PR1 TEMP SN										SBE43-Dry (sec)									
SEC TEMP SN										Transmissometer									
PRI COND SN										PAR S/N									
SEC COND SN										O2 Temp Sensor No.									
Niskin	DEPTH	Roset.	Hydro Team-PHEL																
No.	DESIRED	notes	SALT	NUT.BTU	02-BBLNO	CHL.													
1	Bot				143					288									
2	40				144					283									
3	35				145	178	283			3									
4	20				146					283									
5	16				147					283									
6	0				148					283									
7										5									
8										6									
9										7									
10										8									
11										9									
12										10									
										11									
										12									

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250		PROJECT & LEG EcoFOCI		AFSC Cruise ID WE1008b		STATION NO. 101					
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	BOTTOM DEPTH (m)	WEATHER	STA. NAME/ID
104 46 15	51.15 N	171 14.43 W	31 AUG 10 0626	8.7	8.4	1016	29008				152		ML4
SBE 9+			FLUOR S/N										
PRESS SN			SBE43-Dry (pme)										
PRI TEMP SN			SBE43-Oxy (sec)										
SEC TEMP SN			Transmissometer										
PRI COND SN			PAR S/N										
SEC COND SN			O2 Temp Sensor No.										
NISSEN No.	DEPTH DEPTH	ROSET.	Hydro Team-PMEL				NIS No.	NIS No.	NIS No.	NIS No.	NIS No.	NIS No.	NIS No.
1	60T	47	SALT	Nut.Btl	O2-Btl.No	CHL.							
2	40		17	1419		285	1						1
3	36			150		283	2						2
4	20			157	147		3						3
5	10			152			4						4
6	0			153			5						5
7				154		283	6						6
8							7						7
9							8						8
10							9						9
11							10						10
12							11						11
							12						12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 102													
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB		WET BULB		PRESSURE		SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID				
				DEG	MIN	DEG	MIN	DAY	MO		HR	MIN	(°C)	(°C)	(mb)	•	•	(deg)	(kts)	•	•
16561	44.80 N	17142.53 W	31 AUG 10	0757	49.6	9.6	17	28407													MCS
SBE 9+																					
PRESS SN																					
PRI TEMP SN																					
SEC TEMP SN																					
PRI COND SN																					
SEC COND SN																					
Niskin	DEPTH	Roset.		Hydro Team-PMEL																	
No.	DESIRED	notes		SALT	Nut.Btl	O2-Btl No	CHL.														
1	BOT	57			155						1										
2	46				156						2										
3	30				157	22.1					3										
4	20				158						4										
5	10				159						5										
6	B				160						6										
7											7										
8											8										
9											9										
10											10										
11											11										
12											12										

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOC		AFSC Cruise ID 1WE10		STATION NO. <i>104</i>					
CONSC CAST #	DEPTH	LATITUDE MIN	LONGITUDE MIN	TIME (GMT) DAY	DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. DEGR.	WIND SPD. (kts)	CLOUD (amt) TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
SBE 9+					FLUOR S/N								
PRESS SN					SBE43-Oxy (pH/mv)								
PRI TEMP SN					SBE43-Oxy (sec)								
SEC TEMP SN					Transmissometer								
PRI COND SN					PAR S/N								
SEC COND SN					O2 Tmp Sensor No.								
Neskin	DEPTH	Roset:			Hydro Team: PMEL				NIS No.				
No.	DESIRED	notes		SALT	NUT.BH	O2-BH.No	CHL.		No.				NIS No.
1	40				167				1				1
2	50				168				2				2
3	40				169				3				3
4	30				170				4				4
5	20				171				5				5
6	10				172				6				6
7	0				173	✓147			7				7
8									8				8
9									9				9
10									10				10
11									11				11
12									12				12

Notes:

VESSEL R/V Wecoma	CRUISE ID WE1008b	PROJECT & LEG Eco-FOCI	AFSC Cruise ID 1WE10	STATION NO. 105	TIME (GMT)																	
					DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN	WIND SPD.	CLOUD (amt.)	
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN	WIND SPD.	CLOUD (amt.)	WEATHER	BOTTOM DEPTH	STA. NAME/ID									
1096	124.66 N	17304.75 W	10.0	123	10.0	9.7	17	17	270	9	69											
SBE 9+			FLUOR S/N																			
PRESS SN			SBE43-Oxy (prime)																			
PRI TEMP SN			SBE43-Oxy (sec)																			
SEC TEMP SN			Transmissometer																			
PHI COND SN			PAR S/N																			
SEC COND SN			O2 Tmp Sensor No.																			
Niskin	DEPTH	Roset.	Hydro Team-PMEL												NIS	NIS						
No.	DESIRED	notes	SALT	NUT.BTU	O2-BTU	No.	CHL.								No.	NIS						
1	64		✓ 19	174											1							
2	50			175			x 285								2							
3	40			176			x 283								3							
4	30			177	✓ 227	x									4							
5	20			178											5							
6	10			179		x									6							
7	0			180		x	✓								7							
8															8							
9															9							
10															10							
11															11							
12															12							

Notes:

None of values were scaled down.
No CH at 20m taken

VESSEL R/V Welcomia		CRUISE ID TN250 WE1008b		PROJECT & LEG (Eco-FOCI)		AFSC Cruise ID 1WE10		STATION NO. 1D6					
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	TIME (GMT) DAY MO YR HR MIN	DRY BULB (*C)	WET BULB (*C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
SBE 9+			FLUOR S/N										
PRESS SN			SBE43-Oxy (prime)										
PRI TEMP SN			SBE43-Oxy (sec)										
SEC TEMP SN			Transmissometer										
PRI COND SN			PAR S/N										
SEC COND SN			O2 Temp Sensor No.										
Niskin No.		Depth: Reset:		Hydro Team-PMEL		Niskin No.		Niskin No.		Niskin No.		Niskin No.	
1	68	DESIR ED notes	SALT	Nut.Bt	O2-Bt(No)	CHL.		No.					
2	50				181			1					
3	40				182			2					
4	30				183			3					
5	20				184	1167		4					
6	10				185		5						
7	0				186		6						
8					187		7						
9							8						
10							9						
11							10						
12							11						
							12						

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID IWE10		STATION NO. 107							
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. deg	WIND SPD. (kts)	CLOUD (amt) TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	*	*	*	*	*	*	
110/1	111.	21	N	17359.	99	W	31	AUG	10	1530	16.0	14.0	17	236	ML10
SBE 9+															
PRESS SN															
PRI TEMP SN															
SEC TEMP SN															
PRI COND SN															
SEC COND SN															
Niskin	DEPTH	Roset:				Hydro Team P-MEL				NIS					NIS
No.	DESIRED	notes	SALT	Nut.BI	O2-BI,NO	CHL			No.						No.
1	72		188	✓660					1						1
2	50		189	✓285					2						2
3	40		1						3						3
4	30		2						4						4
5	20		3						5						5
6	10		4						6						6
7	0	✓20	5						7						7
8									8						8
9									9						9
10									10						10
11									11						11
12									12						12

Notes:

VESSEL

R/V Welcom

CRUISE ID TN250
WE1008bPROJECT & LEG
EcoFOCIAFSC Cruise ID
1WE10STATION NO.
108

CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)				DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)		
1	1	6	1	0	4	.5	1	N	17	4	27	.5	2	W	3	1	AUG	1	0	170110.210.1172451285
SBE 9+									FLUOR S/N											
PRESS SN									SBE43-Oxy (prime)											
PRI TEMP SN									SBE43-Oxy (sec)											
SEC TEMP SN									Transmissometer											
PRI COND SN									PAR S/N											
SEC COND SN									O2 Tmp Sensor No.											
Niskin	DEPTH	Roset.		Hydro Team-PMEL				NIS				NIS				NIS				
No.	DESIRED	notes		SALT				Nut.BH	02-BH1/No	CHL.		No.				No.				
1	60							6				1				1				
2	50							7				2				2				
3	40							8				3				3				
4	30							9	✓222?	none		4				4				
5	20							10				5				5				
6	10							11				6				6				
7	0							12				7				7				
8												8				8				
9												9				9				
10												10				10				
11												11				11				
12												12				12				

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b	PROJECT & LEG Eco-FOCI	AFSC Cruise ID 1WE10	STATION NO. 109							
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE DIRN.	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	BOTTOM DEPTH (m)	ML12 STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	deg	kts	•	(m)	
142	60	57	7.77	N	174	55	.19	W	31	AUG	10	183410.5
SBE 9+												
PRESS SN												
PHI TEMP SN												
SEC TEMP SN												
PRI COND SN												
SEC COND SN												
Niskin	DEPTH	Roset.	Hydro Team-PMEL				NIS	NIS	NIS	NIS	NIS	
No.	DESIRED	notes	SALT	NUT. RT	O2-Btl No	CHL	No.	No.	No.	No.	No.	
1	8.9				13		1					1
2	75				14		2					2
3	50				15		3					3
4	40				16		4					4
5	30				17		5					5
6	20				18		6					6
7	10				19		7					7
8	0		21	20	182	✓	8					8
9							9					9
10								10				10
11									11			11
12										12		12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID WE10		STATION NO. 110											
CONSC CAST #	DEPTH	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)
SBE 9+																			
PRESS SN																			
PAT TEMP SN																			
SEC TEMP SN																			
PRI COND SN																			
SEC COND SN																			
Niskin	DEPTH	Rosett		Hydro Team-PHEM		MS		Nis		Nis		MS		Nis		Nis		Nis	
No.	DESRED	notes		SALT	Nut.Btl	O2-Btl No.	CHL.	No		No		No		No		No		No	
1	B01	97'			21			1		1		1		1		1		1	
2	75	-			22			2		2		2		2		2		2	
3	50	1			23			3		3		3		3		3		3	
4	40	1			21			4		4		4		4		4		4	
5	30	1			25			5		5		5		5		5		5	
6	20	1			26	4658	g	6		6		6		6		6		6	
7	10	1			27			7		7		7		7		7		7	
8	0	1			28			8		8		8		8		8		8	
9		1						9		9		9		9		9		9	
10		1						10		10		10		10		10		10	
11		1						11		11		11		11		11		11	
12		1						12		12		12		12		12		12	

Notes:

VESSEL R/V <i>Wecoma</i>		CRUISE ID TN250 WE1008b	PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 111								
CONSC: CAST #		LATITUDE MM	LONGITUDE MM	DAY	MO	YR	TIME (GMT) HR. MIN (*C)	DRY BULB (C)	WET BULL (mb)	PRESSURE * * (deg)	SEA STATE WIND DIRN. CLOUD (amt)	WIND SPD. (kts)	WIND TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
1	1460	44.32	17550.35	10	JUN	2015	10.2	9.7	16	252	18	113			
SBE 9+							FLUOR S/N								
PRESS SN							SBE43-Oxy (prime)								
PRI TEMP SN							SBE33-Oxy (sec)								
SEC TEMP SN							Transmissometer								
PRI COND SN							PAR S/N								
SEC COND SN							O2 Tmp Sensor No.								
Niskin	DEPTH	Rosett.		Hydro Team-PMEI				NIS							NIS
No	DESIRED	notes		SALT	Nut.Bt	O2-BtL No	CHL.	No.							No
1	B0t	108		22	29	243		1							1
2	B2			30											2
3	50			31											3
4	40			32											4
5	30			33											5
6	20			34											6
7	10			35											7
8	8			36			✓	7							8
9								8							9
10								9							10
11								10							11
12								11							12
								12							

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG EcoFOCI		AFSC Cruise ID 1WE10		STATION NO. 112					
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG MIN	DEG MIN	DAY MO YR	HR MIN									
SBE 9+													
PRESS SN													
PRI TEMP SN													
SEC TEMP SN													
PRI COND SN													
SEC COND SN													
Niskin	DEPTH	Roset.	Hydro Team-PMEL				NIS	NIS		NIS		NIS	
No.	DESIRED	notes	SALT	NUT.BH	O2-Btl.No	CHL.	No.	No.		No.		No.	
1	115	-	37	2.18			1	1		1		1	
2	100	-	38				2	2		2		2	
3	75	-	39				3	3		3		3	
4	50	-	40				4	4		4		4	
5	40	-	41				5	5		5		5	
6	30	-	42				6	6		6		6	
7	20		43				7	7		7		7	
8	10		44				8	8		8		8	
9	9		45				9	9		9		9	
10							10	10		10		10	
11							11	11		11		11	
12							12	12		12		12	

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 113	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB (*C)	WET BULB (*C)	PRESSURE (mb)
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	•	•
11	60	30	.84	N	176	45	.54	W	01
SBE 9+									
PRESS SN									
PRI TEMP SN									
SEC TEMP SN									
PRI COND SN									
SEC COND SN									
Niskin	DEPTH	ROSET.							
No.	DESIRED	notes	SALT	NUT.BR	O2-BR1NO	CHL.			
1	130'								
2	160								
3	75								
4	50								
5	40								
6	30								
7	20								
8	10								
9	8								
10									
11									
12									
REMARKS									
FLUOR S/N									
SBE43-Oxy (prime)									
SBE43-Oxy (sec)									
Transmissometer									
PAR S/N									
O2 Tmp Sensor No.									
Hydro Team-PWEL									
Niskin									
DEPTH									
ROSET.									
notes									
DESIRED									
notes									
NIS									
No.									
NIS									
No.									
MAX. DEPTH =									
m									
135									
ML17									

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 114									
CONSC CAST #	LATITUDE	LONGITUDE				TIME (GMT)	DRY BULB	WET BULL	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	/50	MLB	
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	*	DEPTH	STA. NAME/ID
11760	24.17	17713.24	W	01	AUG	10	0307	10.5	10.5	1010	*	180	10	*	20	20	
SSE 9+		FLUOR SN															
PRESS SN		SBE43-Dry (prime)															
PRI TEMP SN		SBE43-Ory (sec)															
SEC TEMP SN		Transmissometer															
PRI COND SN		PAR S/N															
SEC COND SN		O2 Tmp Sensor No.															
Niskin	DEPTH	Roset:															
No.	DEPTH	Hydro Team-PHLL															
NO.	DESIRED	notes	SALT	Nut.Bd	O2-Bd, No.	CHL.											
1	86.1		55														
2	125		56														
3	100		57														
4	75		58														
5	50	-	59														
6	40	-	60														
7	30	-	61	235													
8	20	-	62														
9	10	-	63														
10	0		64														
11																	
12																	

Notes:

Jellyfish on surface at 20m

MAX. DEPTH = 143m

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOC		AFSC Cruise ID 1WE10		STATION NO. 115										
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)
118 6 0	17.45	N	177 40.83	W	01	SEP	00	05	03	10.7	10.8	15	23	21	145			
SBE 9*			FLUOR S/N														[MAX DEPTH = m]	
PRESS SN			SBE43-Oxy (prime)															
PRO TEMP SN			SBE43-Oxy (sec)															
SEC TEMP SN			Transmissometer															
PRI COND SN			PAR SN															
SEC COND SN			O2 Tmp Sensor No.															
Niskin	DEPTH	Roset:			Hydro Team-PMEI													
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No.	CHL.												
1	Bot.	39 -		65	N													
2	120	-		66	Dry													
3	100	-		67	Winer													
4	75	-		68														
5	50	-		69														
6	40	-		70														
7	30	-		71														
8	20	-		72														
9	10	-		73														
10	6			74														
11																		
12																		

Notes:

VESSEL R/V Wetcom		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 117				
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	*	*	*	ML21
120	60	04.	04	N	178	35.	97	W	01	SEP	10	090016.710.21521517142
SBE 9+												
PRESS SN												
PRI TEMP SN												
SEC TEMP SN												
PRI COND SN												
SEC COND SN												
Niskin	DEPTH	ROSET.	Hydro Team-PMEL				NIS					NIS
No.	DESIRED	NOTES	SALT	NUT.BTL	O2-BTL.NO	CHL.	NO.					NO.
1	137		85				1					1
2	125		86				2					2
3	100		87	V175			3					3
4	75		88				4					4
5	50		89				5					5
6	40		90				6					6
7	30		91				7					7
8	20		92				8					8
9	10		93				9					9
10	0		94				10					10
11							11					11
12							12					12

Notes:

VESSEL R/V Wecoma	CRUISE ID WE1008b	PROJECT & LEG Eco-FOCI	AFSC Cruise ID 1WE10												STATION NO. 118					
			CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB		WET BULB		PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER
	DEG SBE 9*	MIN	DEG PRESS SN	MIN	DAY	MO	VR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)	
	SBE 43-Oxy (prime)		FLUOR S/N																	
	PRI TEMP SN		SBE43-Oxy (sec)																	
	SEC TEMP SN		Transmissometer																	
	PRI COND SN		PAR S/N																	
	SEC COND SN		O2 Temp Sensor No.																	
Niskin	DEPTH	Roset.	Hydro Team-PMEL												NES	NES				
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No	CHL.									No	No				
1	1000		✓ 19	95	> 197										1	1				
2	500		✓ 20	96	> 242										2	2				
3	400		✓ 21	97	> 144										3	3				
4	300			98	> 208										4	4				
5	100			99	> 176										5	5				
6	75			100											6	6				
7	50			101											7	7				
8	40			102											8	8				
9	30			103											9	9				
10	20			104											10	10				
11	10			105											11	11				
12	0			106											12	12				

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b	PROJECT & LEG Eco-FOCI	AFSC Cruise ID 1WE10	STATION NO. 119
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)
DEG MIN	DEG MIN	DAY MO	HR MIN	DEG HR	DEG HR
122 59 S 4.00 N	178 12.0 W	SEP 10	14 46	10.409.813	214 24
SBE 9*	FLUOR S/N				
PRESS SN	SBE43-Oxy (prime)				
PRI TEMP SN	SBE43-Oxy (sec)				
SEC TEMP SN	Transmissometer				
PRI COND SN	PAR S/N				
SEC COND SN	O2 Temp Sensor No.				
Niskin	DEPTH	ROSET.	Hydro Team-PMEI		
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl No.
1	137			107	CHL
2	100			106	
3	75			109	
4	50			110	
5	40			111	
6	30			112	X 239
7	20			113	
8	10			114	
9	0			115	
10					
11					
12					

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOC		AFSC Cruise ID 1WE10		STATION NO. 120								
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND	WIND	CLOUD (amt)	WEATHER	BOTTOM	STA. NAME/D
DEG	MIN	DEG	MIN	DAY	MO	HR	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	*	DEPTH	
SBE 9+																
PRESS SN																
PRI TEMP SN																
SEC TEMP SN																
PRI COND SN																
SEC COND SN																
Niskin	DEPTH	Roset		Hydro Team-PMEI		NIS		NIS		NIS		NIS		NIS		
No.	DESIRED	notes		SALT	NUT.BTU	O2-BLNO	CHL.	No.		No.		No.		No.		
1	132				116	✓107		1		1		1		1		
2	100				117			2		2		2		2		
3	75				118			3		3		3		3		
4	50				119	✓285		4		4		4		4		
5	40				120			5		5		5		5		
6	30				121			6		6		6		6		
7	20				122			7		7		7		7		
8	10				123			8		8		8		8		
9	0				✓201	124	✓	9		9		9		9		
10								10		10		10		10		
11								11		11		11		11		
12								12		12		12		12		

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 121				
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN		WEATHER		
124	59 54.0	1 N	177 00.0	1	S	SEP	10	1908	10.1	09.4	11	19921
SBE 9+												
PRESS SN												
PRI TEMP SN												
SEC TEMP SN												
PRI COND SN												
SEC COND SN												
Niskin	DEPTH	Roset.	Hydro Team-PMEL						Niskin	Niskin		
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl/No	CHL.		No.	No.			
1	132			125				1				1
2	100			126				2				2
3	75			127				3				3
4	50			128				4				4
5	40			129				5				5
6	30			130				6				6
7	20			131	X221			7				7
8	10			132				8				8
9	0			133				9				9
10								10				10
11								11				11
12								12				12

Notes:

FLUOR S/N

SBE43-Oxy (prime)

SBE43-Oxy (sec)

Transmissometer

PAR S/N

O2 Temp Sensor No.

REMARKS

MAX. DEPTH = m

NESSEL	CRUISE ID TN250	PROJECT & LEG	AFSC Cruise ID
R/V Wecoma	WE1008b	Eco-FOO	1WE10

CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)				DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	•	(deg)	(kts)	•	•	(m)		
125	59	54	.02	N	176	24	.00	W	01	SEP	10	21	10	9.9	9.6	10	20	127	/49
SBE 9*																			
PRESS SN																			
PRI TEMP SN																			
SEC TEMP SN																			
PRI COND SN																			
SEC COND SN																			
Niskin	DEPTH	Roset.		Hydro Team-PHETL				NIS				NIS				NIS			
No.	DESIRED	notes		SALT	Nut.Btl	O2-Btl No	CHL.					No.				No.			
1	130	✓			134	331						1				1			
2	190			202	135							2				2			
3	100											3				3			
4	75											3				3			
5	50											4				4			
6	40											5				5			
7	80	1										5				6			
8	10	1										6				6			
9	5	1										7				7			
10	30	1										8				8			
11												9				9			
12												10				10			
												11				11			
												12				12			

Notes:

✓ O2 correct

VESSEL

R/V Wetcom

CRUISE ID TN250
WE1008bPROJECT & LEG
Eco-FOCIAFSC Cruise ID
1WE10STATION NO.
123

CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR											
SBE 9+	126	59	54	.0	1	N	175	48	47	102346	9.6	9.6	/	19922	/	131	MN 14	
PRESS SN																		
PRI TEMP SN																		
SEC TEMP SN																		
PRI COND SN																		
SEC COND SN																		
Niskin	DEPTH	Roset.	Hydro Team-PHEC			Nis												Nis
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No	CHL.		No.										No.
1	125	126		144	147			1										1
2	100			145				2										2
3	15			146				3										3
4	50			147				4										4
5	47			148				5										5
6	30			149				6										6
7	20			150				7										7
8	16			151				8										8
9	0			152				9										9
10																		10
11																		11
12																		12

Notes:

VESSEL R/V Welcomia		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 124												
CONSC CAST #	LATITUDE	DEG	MIN	DEG	MIN	DAY	MO	YR	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN (deg)	WIND SPD. (kts)	CLOUD (amt)	BOTTOM DEPTH (m)	WEATHER TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
SBE 9+									FLUOR SN											
PRESS SN									SBE43-Oxy (prime)											
PRI TEMP SN									SBE43-Oxy (sec)											
SEC TEMP SN									Transmissometer											
PRI COND SN									PAR S/N											
SEC COND SN									02 Tmp Sensor No.											
Niskin	DEPTH	Roset.		Hydro Team-PMEL				NIS	NIS		NIS		NIS		NIS		NIS		NIS	
No.	DESIRED	notes		SALT	NUT. BTI	O2-BTI No.	CHL.	No.	No.		No.		No.		No.		No.		No.	
1	BOT	115 -		211	153			1												
2	100	-		154				1												
3	75	-		155				2												
4	50	-		156	157	285		3												
5	40	-		158	158	283		4												
6	30	-		159	159			5												
7	20	-		160	160	227		6												
8	10	-		161				7												
9	9	-						8												
10		-						9												
11		-						10												
12		-						11												

Notes:

7037

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 125	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB	WET BULB	PRESSURE
DEG	MIN	DEG	MIN	DAY	MO	HR	(°C)	(°C)	SEA STATE
128	59	54.	00	N	174	36.	00	02	VISIBILITY
SBE 9+									WIND DIRNL.
PRESS SN									WIND SPD.
PRI TEMP SN									CLOUD (amt)
SEC TEMP SN									TYPE
PRI COND SN									WEATHER
SEC COND SN									BOTTOM DEPTH
Niskin	DEPTH	ROSET.		Hydro Team-PMEI				NIS	STA. NAME/ID
No.	DESIRED	notes		SALT	NUT.BTL	O2-BTL.No.	CHL.	No.	No.
1	RDT	/		162	167	W	none	1	1
2	75	/		163				2	2
3	56	/		164				3	3
4	40	/		165				4	4
5	30	/		166				5	5
6	20	/		167				6	6
7	10	/		168				7	7
8	0			169				8	8
9								9	9
10								10	10
11								11	11
12								12	12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. ✓26								
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. deg	WIND SPD. (kts)	CLOUD (amt)	WEATHER	102 BOTTOM DEPTH (m)	MIN// STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN								
1295954.63	N	17400.04	W	02 SEP 10	0606	9.6	9.6	06								
SBE 9+																
PRESS SN																
PRI TEMP SN																
SEC TEMP SN																
PRI COND SN																
SEC COND SN																
Niskin	DEPTH	Roset.		Hydro Team+PMEL		NIS		NIS		NIS		NIS		NIS		
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No	CHL	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
1	85	~95	203	170				1								1
2	75		171					2								2
3	50		172			285		3								3
4	45		173													4
5	30		174													5
6	20		175													6
7	10		176													7
8	0		177			283		8								8
9								9								9
10																10
11																11
12																12

Notes:

✓26

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 127										
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)
SBE 9+																		
PRESS SN																		
PRI TEMP SN																		
SEC TEMP SN																		
PRI COND SN																		
SEC COND SN																		
Niskin	DEPTH	RoseL	Hydro Team-PMEI		SALINITY		TEMP (°C)		NIS		NIS		NIS		NIS		NIS	
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No	CHL.			No.								No.	
1	82	-			178													1
2	50	/			179	222												2
3	40				180													3
4	30				181													4
5	20				182	x	-											5
6	10				183													6
7	0				184													7
8																		8
9																		9
10																		10
11																		11
12																		12

Notes:

No 5,6,7 were open before

No 8,9

No 10,11

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID IWE10		STATION NO. 128							
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	*	*	*	*	*	
131 59 53.99 N	172 47.92 W	SEPT 10 1044	9.4	9.4	05	229	17			MN9					
SBE 9+			FLUOR S/N												
PRESS SN			SBE 43-Oxy (prime)												
PRI TEMP SN			SBE 3-Oxy (sec)												
SEC TEMP SN			Transmissometer												
PRI COND SN			PAR S/N												
SEC COND SN			O2 Tmp Sensor No.												
Niskin	DEPTH	ROSET.	Hydro Team-PH&EL				NIS								
No.	DESIRED	notes	SALT	NUT.BI	O2-Btl.No.	CHL.	No.								
1	69	X 205	185				1								
2	50		186			285	2								
3	40		187			283	3								
4	30		188												
5	20		189	✓107											
6	10		1												
7	0		2												
8															
9															
10															
11															
12															

Notes:

MN9
Salinity sounder
by bld wacken

VESSEL R/V Welcom		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 129	
CONSC CAST #		LATITUDE	LONGITUDE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	WIND DIRN (deg)
1325953	.99	N	17212.08	W	02	SEP	10	1305	9.4
SBE 9+									WIND SPD. (kts)
PRESS SN									WIND CLOUD (amt) TYPE
PRI TEMP SN									WEATHER
SEC TEMP SN									BOTTOM DEPTH
PRI COND SN									STA. NAME/ID
SEC COND SN									MN8
Niskin	DEPTH	Roset.		Hydro Team-PMEI		Nes			Nes
No.	DESIRED	notes	SALT	Nut. Btl	02-Btl No.	CHL.		No.	No.
1	68			3	X 201			1	1
2	50			4	22			2	2
3	40			5				3	3
4	30			6				4	4
5	20			7				5	5
6	10			8				6	6
7	0			9				7	7
8								8	8
9								9	9
10								10	10
11								11	11
12								12	12

Notes:

VESSEL	CRUISE ID TN250	PROJECT & LEG	AFSC Cruise ID
R/V Wecoma	WE1008b	Eco-FOCI	1WE10

CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)
1335954	.00	N	17135.99	W	02	SEP	10	15.06	19.2	9.205	2	1	21219	70		MN7	
SBE 9+																	
PRESS SN																	FLUOR SN
PRI TEMP SN																	SBE43-Oxy (prime)
SEC TEMP SN																	SBE43-Oxy (sec)
PRI COND SN																	Transmissometer
SEC COND SN																	PAR SN
Niskin	Roset.		Hydro Team-PMEL														
No.	DEPTH	notes	SALT	NUT.BI	O2-BI	NO.	CHL.										NIS
1	65			10													No.
2	50			11													No.
3	40			12													No.
4	30			13	x231												No.
5	20			14													No.
6	10			15													No.
7	0		x 204	16													No.
8																	No.
9																	No.
10																	No.
11																	No.
12																	No.

Not far from M5

CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)
1335954	.00	N	17135.99	W	02	SEP	10	15.06	19.2	9.205	2	1	21219	70		MN7	
SBE 9+																	FLUOR SN
PRESS SN																	SBE43-Oxy (prime)
PRI TEMP SN																	SBE43-Oxy (sec)
SEC TEMP SN																	Transmissometer
PRI COND SN																	PAR SN
SEC COND SN																	02 Tmp Sensor No.
Niskin	Roset.		Hydro Team-PMEL														
No.	DEPTH	notes	SALT	NUT.BI	O2-BI	NO.	CHL.										NIS
1	65			10													No.
2	50			11													No.
3	40			12													No.
4	30			13	x231												No.
5	20			14													No.
6	10			15													No.
7	0		x 204	16													No.
8																	No.
9																	No.
10																	No.
11																	No.
12																	No.

Notes:

VESSEL R/V Wecoma		CRUISE ID: TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 131									
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	*	(m)
1345953.97 N	17100.10 W	SEP 10	S 02 A 03	1720	19	.1	9	.1	105	21822					69		
SBE 9+			FLUOR S/N														
PRESS SN			SBE43-Oxy (prime)														
PRI TEMP SN			SBE43-Oxy (sec)														
SEC TEMP SN			Transmissometer														
PRI COND SN			PAR S/N														
SEC COND SN			O2 Tmp Sensor No.														
Niskin	DEPTH	ROSET.	Hydro Team-PMEI					NIS									
NO.	DESIRED	notes	SALT	NUT.BT	O2-BTL No	CHL.		NO.									
1	64			17	X147			1									
2	50			18		285		2									
3	40			19		283		3									
4	30			20				4									
5	20			21				5									
6	10			22				6									
7	0			23				7									
8								8									
9								9									
10								10									
11								11									
12								12									

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 132												
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULL	PRESSURE	SEA STATE	WIND	WIND	CLOUD (amt)	TYPE	WEATHER	BOTTOM	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	(m)		
1	35	59	54	.07	N	170	34	.20	W	02	8	SEP	1	0	1957	8	.7	8.706	21521	42
SBE 9+										FLUOR S/N										
PRESS SN										SBE3-Oxy (prime)										
PRI TEMP SN										SBE43-Oxy (sec)										
SEC TEMP SN										Transmissometer										
PRI COND SN										PAR S/N										
SEC COND SN										O2 Trip Sensor No.										
Niskin	DEPTH	Roset.	REASON	ROD	Hydro Team-PHOTEL		NIS													
No.	DESIRED	notes		SALT	Nut.BI	02-BI(No)	CHL.			NIS										
1	Bot	-		✓207	24	182				No.										
2	40	-			25					1								1		
3	30	-			26					2								2		
4	20	-			27	9	W			3								3		
5	10	-			28					4								4		
6	6				29					5								5		
7										6								6		
8										7								7		
9										8								8		
10										9								9		
11										10								10		
12										11								11		
										12								12		

Notes:

VESSEL		CRUISE ID	TN250	PROJECT & LEG	AFSC Cruise ID	STATION NO.						
R/V Wecoma		WE1008b	Eco-FOCI	1WE10	133	MN4						
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULLB	WET BULLB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	BOTTOM DEPTH	STA. NAME/ID
	DEG MIN	DEG MIN	DAY MO YR HR MIN	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	(m)	
136 59 54 .02 N	169 47 .98 W	0254E 102206	8.8	8.8	8.807	20720						
SBE 9+		FLUOR S/N										
PRESS SN		SBE-3-Oxy (prime)										
PRI TEMP SN		SBE-3-Oxy (sec)										
SEC TEMP SN		Transmissometer										
PRI COND SN		PAR S/N										
SEC COND SN		O2 Temp Sensor No.										
Niskin	DEPTH	ROSET.	Hydro Team-PMEL				REMARKS				MAX. DEPTH =	
No.	DESIRED	notes	SALT	Nut Br	02-BTL No.	CHL.	Nis					NIS
1	301	47'	16	30	058	285	1					No.
2	40	-		31		283	2					
3	30	-		32			3					
4	20	-		33			4					
5	10	-		34			5					
6	0	-		35			6					
7							7					
8							8					
9							9					
10							10					
11							11					
12							12					

VESSEL R/V <i>Weconia</i>		CRUISE ID: TN250 WE1008b		PROJECT & LEG Eco-FOG		AFSC Cruise ID 1WE10		STATION NO. 134								
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (*C)	WET BULB (*C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	HR	MN	*	*	(deg)	*	*	*	*	NN3
SBE 9+																
PRESS SN																
PRI TEMP SN																
SEC TEMP SN																
PRI COND SN																
SEC COND SN																
Niskin	Rosett,		Hydro Team-PMEL		NIS		NIS		NIS		NIS		NIS		NIS	
No.	DEPTH	notes	SALT	Nut.Btl	O2-Btl.No	CHL.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
1	10.5			36			1									1
2	30			37			2									2
3	20			38			3									3
4	10		X	39			4									4
5	Q			40	243		5									5
6	L						6									6
7							7									7
8							8									8
9							9									9
10							10									10
11							11									11
12							12									12

Notes:

X

VESSEL R/V Weconia		CRUISE ID: TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 135								
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)			DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
			DEG	MIN	DAY	MO	YR	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*
SBE 9+																
PRESS SN																
PRI TEMP SN																
SEC TEMP SN																
PRI COND SN																
SEC COND SN																
Niskin	DEPTH	Roset.	Hydro Team-pMEL			NIS										
No.	DESIRED	notes	SALT	Nut.Bhi	O2-Btl.No	CHEL.	No.									
1	<i>Bot</i>	<i>~34</i>			<i>41</i>	<i>218</i>		1								
2	<i>30</i>				<i>42</i>			2								
3	<i>20</i>				<i>43</i>			3								
4	<i>16</i>				<i>44</i>			4								
5	<i>Q</i>				<i>45</i>			5								
6								6								
7								7								
8								8								
9								9								
10								10								
11								11								
12								12								

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID WE10		STATION NO. 136			
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(°C)	* * (mb)	*	*	*	*	MN1
139 59 53	95 N 167 59.98 W	03 SEP 10 0427	8.3 8.3 08	101 101 19							
SBE 9+		FLUOR S/N									
PRESS S/N		SBE43-Oxy (prime)									
PRI TEMP S/N		SBE43-Oxy (sec)									
SEC TEMP S/N		Transmissometer									
PRI COND S/N		PAR S/N									
SEC COND S/N		O2 Trim Sensor No.									
Niskin No.	DEPTH Desired	Rosett Notes	Hydro Team-PFEL				NIS No.	NIS No.	MAX. DEPTH =		
1	b5	25'	SALT	Nut.Btl	O2-Btl.No.	CHL.	No	No			
2	26	-	206	46	219		1				1
3	10	'		47			2				2
4	5	*	48				3				3
5		*	207	49			4				4
6							5				5
7							6				6
8							7				7
9							8				8
10							9				9
11							10				10
12							11				11
							12				12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b	PROJECT & LEG Eco-FOC	AFSC Cruise ID 1WE10	STATION NO. 137												
CONSC CAST #		LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)												
DEG	MIN	DEG	MIN	DAY	MO	YR.	HR.	MIN	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
140 57 50 . 04 N		168 53 . 29 W	035 41 10	1700	8	.8	8	.8	8.897	1.3528	70	70	70	70	70	70	
SBE 9+		FLUOR S/N															MAX DEPTH =
PRESS SN		SBE43-Oxy (prime)															m
PRI TEMP SN		SBE43-Oxy (sec)															
SEC TEMP SN		Transmissometer															
PRI COND SN		PAR S/N															
SEC COND SN		02 Tmp Sensor No.															
Niskin	DEPTH	Roset:		Hydro Team+PMEL													NIS
No.	DESIRED	notes	SALT	Nut.BI	02-BTLNO	CHL.											NIS
1	45		70														No.
2	50		51		285			1									1
3	50		52		283			2									2
4	30		53		283			3									3
5	24		54		288			4									4
6	24				277			5									5
7	24				287			6									6
8	20		54					7									7
9	15		55		289			8									8
10	15				283			9									9
11	15				283			10									10
12	0		54		283			11									11
								12									12

Notes:

Remember triple shot at 11.5 and 24.0 m

VESSEL R/V Wet-omega		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOC		AFSC Cruise ID 1WE10						STATION NO. 138																	
CONSC CAST #		LATITUDE DEG MN		LONGITUDE DEG MIN		TIME (GMT) DAY MO YR HR MIN		DRY BULB (*C)		WET BULB (*C)		PRESSURE (mb)		SEA STATE VISIBILITY		WIND DRN. (deg)		WIND SPD. (kts)		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
1415625.00 N		16925.98 W		052910.016.692		10 05 29 10.016.692		14511		14511		14511		14511		14511		14511		14511		14511		14511		14511		14511	
SBE 9+		FLUOR SN		SBE43-Oxy (prime)		SBE43-Oxy (sec)		Transmitter		PAR S/N		O2 Trim Sensor No.		REMARKS		Begin Pit Canyon Study													
PRESS SN		SBE43-Oxy (prime)		SBE43-Oxy (sec)		Transmitter		PAR S/N		O2 Trim Sensor No.		REMARKS		Begin Pit Canyon Study															
PRI TEMP SN		SBE43-Oxy (sec)		Transmitter		PAR S/N		O2 Trim Sensor No.		REMARKS		Begin Pit Canyon Study																	
SEC TEMP SN		Transmitter		PAR S/N		O2 Trim Sensor No.		REMARKS		Begin Pit Canyon Study																			
PRI COND SN		PAR S/N		O2 Trim Sensor No.		REMARKS		Begin Pit Canyon Study																					
SEC COND SN		O2 Trim Sensor No.		REMARKS		Begin Pit Canyon Study																							
Niskin		Depth		Roset.		Hydro Team-PFEL		NIS		NIS		NIS		NIS		NIS		NIS		NIS		NIS		NIS		NIS			
No.	DESIRED	notes		SALT	Nut.Btl	02-Btl.No	CHL.	No.		No.		No.		No.		No.		No.		No.		No.		No.					
1	13.67	✓		211	57	No		1		1		1		1		1		1		1		1		1					
2	80	1			58				2		2																		
3	50	1			59		2.85		3		3																		
4	40	1			60		283		4		4																		
5	30	1			61				5		5																		
6	20	✓			62				6		6																		
7	10				63				7		7																		
8	0				64				8		8																		
9									9		9																		
10									10		10																		
11									11		11																		
12									12		12																		

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b	PROJECT & LEG Eco-FOCI	AFSC Cruise ID IWE10	STATION NO. 14Φ
CONSC CAST #		LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)
DEG	MIN	DEG	MIN	DAY MO YR	WET BULB (°C)
143	56	17.24	N 16930.95	W 04 SEP 10	DRY BULB (°C)
SBE 9+					WET BULB (°C)
PRESS S/N					PRESSURE (mb)
PRI TEMP S/N					SEA STATE DIRN.
SEC TEMP S/N					WIND DIRN.
PRI COND S/N					WIND SPO.
SEC COND S/N					CLOUD (amt) TYPE
Niskin	DEPTH	Rosel.			BOTTOM DEPTH
No.	DESIRED	notes	SALT	Nut.Btl	STA. NAME/ID
1	B01	265'	211	74	MAX. DEPTH = m
2	/75	-		75	
3	150	-		76	
4	125	-		77	
5	100	-		78	
6	75	-		79	
7	50	-		80	
8	40	-		285	
9	30	-		81	
10	20	-		82	
11	10	-		83	
12	0	-		84	
				85	283
				12	12

Notes:

VESSEL R/V Welcome		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 141												
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULL	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID				
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)	
SBE 9+					FLUOR S/N															
PRESS SN					SBE43-Doky (prime)															
PRI TEMP SN					SBE43-Doky (sec)															
'SEC TEMP SN					Thermometer															
PRI COND SN					PAR S/N															
SEC COND SN					O2 Tmp Sensor No.															
Niskin	DEPTH	ROSETTE	Hydro Team - PHEL				NS		NS		NS		NS		NS		NS			
No.	DESIRED	notes	SALT	Nut.Bt	O2-Bt(No.)	CHL.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.		
1	<i>B.5T</i>	407	-	86	23.5		1													
2	350	-		87			2													
3	300	-		88			3													
4	250	-		89			4													
5	200	-		90			5													
6	150	-		91			6													
7	100	-		92			7													
8	75	-		93			8													
9	50	-		94	28.5		9													
10	30	<i>Impression - no leak</i>	95	28.3			10													
11	20	-	96	28.3			11													
12	00		97	28.3			12													

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOG		AFSC Cruise ID 1WE10		STATION NO. 142									
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPO.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*
SBE 9+							FLUOR S/N										
PRESS SN							SBE43-Oxy (prime)										
PRI TEMP SN							SBE43-Oxy (sec)										
SEC TEMP SN							Transmissometer										
PRI COND SN							PAR S/N										
SEC COND SN							O2 Tmp Sensor No.										
Nismin	Depth		Roset.		Hydro Team-PMEI		Nis										
No.	DESIRED	notes	SALT	Nut.Bt	02-Bt No	CHL.	No.										
1	438		X 559	98	y 145		1										
2	400			99			2										
3	350			100	X 175		3										
4	300			101			4										
5	250			102			5										
6	200			103			6										
7	150			104			7										
8	100			105			8										
9	75			106			9										
10	50			107			10										
11	20			108			11										
12	0			109			12										

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10						STATION NO. 143		PCNJD6			
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	BOTTOM DEPTH	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	(m)
146	56	05	.62	N	169	38	17	04	S E P 1 0	921	10.2	10.292	21	123	152		
SBE 9+									FLUOR S/N								
PRESS SN									SBE43-Dwy (prime)								
PRI TEMP SN									SBE43-Dwy (sec)								
SEC TEMP SN									Transmissometer								
PRI COND SN									PAR S/N								
SEC COND SN									O2 Tmp Sensor No.								
Niskin	DEPTH	Roset.		Hydro Team-PH&EL						NIS							NIS
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No.	CHL.			No.								No.
1	147			110					1								1
2	125			111					2								2
3	100			112					3								3
4	75			113					4								4
5	50			114					5								5
6	40			115					6								6
7	30			116					7								7
8	20			117					8								8
9	10			118					9								9
10	0			119					10								10
11									11								11
12									12								12

Notes:

None

- 1) First cast done w/ pumps off. Bottles filled
- 2) Second cast, pumps turned on to get a profile.

VESSEL R/V Wecoma	CRUISE ID TN250 WE1008b	PROJECT & LEG ECO-FOCI	TWE10	AFSC Cruise ID										STATION NO. 144										
				CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULLB	WET BULL	PRESSURE	SEA STATE	WIND	WIND	CLOUD (amt)	WEATHER					
					DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	*	*		
SBE 9+					14	56	02.	51	16	9	40.	18	W	04	S	E	P	10	1021	10.3	10.393	218	22	164
PRESS SN																								
PRI TEMP SN																								
SEC TEMP SN																								
PRI COND SN																								
SEC COND SN																								
Niskin	DEPTH	ROSETTE			Hydro Team-PFPEL										NIS				PCNOT					
No.	DESIRED	notes			SALT	NUT.BTL	O2-BTL No.	CHL.							No.				STA. NAME/D					
1	160				X 56.0	120									1				MAX DEPTH =	m				
2	125														2									
3	100														3									
4	75														4									
5	50														5									
6	40														6									
7	30														7									
8	20														8									
9	10														9									
10	0														10									
11															11									
12															12									

Notes:

NOTE NOTE

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG ECO-FOCI		AFSC Cruise ID 1WE10						STATION NO. 145									
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB (*C)		WET BULLB (*C)		PRESSURE (mb)		SEA STATE VISIBILITY		WIND DIRN. DEGR.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
DEG MIN	DEG MIN	DAY	MO	YR	HR	MIN															
14855	57.85	N	16943.08	W	04	SEP	10	11	25	10.1	10.1	10.1	10.1	10.1	10.1	204	20	863			
SBE 9+								FLUOR S/N													
PRESS S/N								SBE43-Dry (prime)													
PRI TEMP S/N								SBE43-Dry (sec)													
SEC TEMP S/N								Transmissometer													
PRI COND S/N								PAR S/N													
SEC COND S/N								O2 Trip Sensor No.													
Niskin		Depth		Roset:		Hydro Team-PHOTEL		N/S		N/S		N/S		N/S		N/S		N/S			
No.	DESIRED notes	SALT	Nut.Btl	O2-Btl.No	CHL.			No								No					
1	67		130	107				1								1					
2	700		131	221				2								2					
3	600		132	231				3								3					
4	500		133	147				4								4					
5	400		134	228	227			5								5					
6	300		135	167				6								6					
7	200		136					7								7					
8	100		137					8								8					
9	75		138					9								9					
10	50		139					10								10					
11	20		140					11								11					
12	0		141					12								12					

Notes:

VESSEL R/V Wecoma	CRUISE ID TN250 WE1008b	PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 146									
		CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	DAY MO YR	TIME (GMT) HR MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	PCNO 9 STA. NAME/ID	
		SBE 9+					FLUOR S/N								
		PRESS SN					SBE43-Oxy (prime)								
		PRI TEMP SN					SBE43-Oxy (sec)								
		SEC TEMP SN					Transmissometer								
		PRI COND SN					PAR S/N								
		SEC COND SN					O2 Temp Sensor No.								
Niskin	DEPTH	Rosett.					Hydro Team-PMEI								
No.	DESIRED	notes	SALT	Nut.Bri	02-BLNU	CHL.	No.								
1	1330		X 564\	142	X 090	60		1							
2	1000			143	X 182			2							
3	700			144	X 058			3							
4	400			145	X 222.			4							
5	300			146	X 243			5							
6	200			147	X 218			6							
7	100			148				7							
8	75			149				8							
9	50			150				9							
10	30			151				10							
11	10			152				11							
12	0			153				12							

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b				PROJECT & LEG Eco-FOCI				AFSC Cruise ID 1WE10				STATION NO. 147				PCM 10	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)				DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND	WIND	CLOUD (amt)	WEATHER	BOTTOM	PCM 10
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)	STA. NAME/ID
150	55	38	.14	N	169	15	.22	W	04	S	E P	10	17	00	10.	1	10.	196	18121
SBE 9+									FLUOR S/N									2370	
PRESS S/N									SBE43-Oxy (prime)										
PR1 TEMP S/N									SBE43-Oxy (sec)										
SEC TEMP S/N									Transmissometer										
PRI COND S/N									PAR S/N										
SEC COND S/N									02 Temp Sensor No.										
Niskin	DEPTH	ROSETTE							Hydro Team: P/MEL										
No.	DESIRED	notes							NIS										
1	2000								No.										
2	1750								No.										
3	1500								No.										
4	1250								No.										
5	1000								No.										
6	750								No.										
7	500								No.										
8	250								No.										
9	100								No.										
10	50								No.										
11	30								No.										
12	0								No.										

Notes:

Underway 6/14

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID TWE10		STATION NO. 148	
CONSC CAST #		LATITUDE	LONGITUDE			TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	SEA STATE	WIND DIRN. (deg)
151	55	45	.88	N	169	11	.75	VISIBILITY	WIND SPD. (kts)
SBE 9+								MAX DEPTH =	WIND CLOUD (amt) TYPE WEATHER
PRESS SN									BOTTOM DEPTH (m)
PRI TEMP SN									STA. NAME/ID
SEC TEMP SN									
PRI COND SN									
SEC COND SN									
Niskin	DEPTH	ROSETTE		Hydro Team-PWEL				NIS	
NO.	DESRED	notes		SALT	NUT.BR	O2-BR/No	CHL.	No.	NS No
1	2000	-		166	X	175		1	1
2	1750	-		167				2	2
3	1500	-		168	X	145		3	3
4	1250	-		169	X	235		4	4
5	1000	-		170	X	219		5	5
6	750	-		171				6	6
7	500	-		172				7	7
8	250	-		173				8	8
9	100	-	-	174	E			9	9
10	50	-		175	F	285	10	10	10
11	30	-		176	F	283	11	11	11
12	0			177	F	283	12	12	12

Notes:

REMARKS

PCMD9

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b	PROJECT & LEG Eco-FOCI	AFSC Cruise ID IWE10	STATION NO. 149																
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)																
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN													
15	25	55	52	.26	N	16	08	.74	W	04	S	SEP	10	21	24	10.	110.	197	19219	3258	
SBF 9+				FLUOR SN																	
PRESS SN				SBE43-Dry (prime)																	
PRI TEMP SN				SBE43-Dry (sec)																	
SEC TEMP SN				Transmissometer																	
PRI COND SN				PAT S/N																	
SEC COND SN				O2 Trip Sensor No.																	
Mission	DEPTH	ROSETTE	Hydro Team-PMPMEL				NIS														
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl No.	CHL	No.														
1	2000		X 504	178			1														
2	1750			179			2														
3	1500		X 565	180			3														
4	1250			181			4														
5	1000			182			5														
6	750		X 566	183			6														
7	500						7														
8	250		X 564	184			8														
9	100			185			9														
10	50				X 565		10														
11	25				X 566		11														
12	D						12														

Notes:

Again TL 22 in top 20m

MAX. DEPTH = 2020 m

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOO		AFSC Cruise ID 1WE10		STATION NO. 150										
CONSC CAST #	LATITUDE MIN	LONGITUDE MIN	DAY	MO	YR	HR	MIN	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE •	WIND DRN (deg)	WIND SPD. (kts)	CLOUD (amt) •	WEATHER TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
SBF 9*																		
PRESS S/N																		
PRI TEMP S/N																		
SEC TEMP S/N																		
PRI COND S/N																		
SEC COND S/N																		
Niskin	DEPTH	ROSETT.	Hydro Team-PWEL						NIS									
NO.	DESIRED	notes	SALT	NUT.BTL	O2-BTL/No	CHL.		No.										
1	150				1			1										
2	1500				2			2										
3	1750				3			3										
4	1000				4			4										
5	150				5			5										
6	500				6			6										
7	250				7			7										
8	175				8			8										
9	180				9			9										
10	50				10			10										
11	25				11			11										
12	0				12			12										

Notes:

REMARKS

Running Salt had above 50 ppt

Run Q CEE on downcast

MAX DEPTH =

m

VESSEL R/V <i>Weconia</i>		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 15Φ					
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
154555.5	56.20 N	6906.75 W	05 SEP 10 00 40 10.0	10.0	99	10210	20210	1838	1838	1838	1838	1838	PCMΦ7
SBE 9+			FLUOR S/N										
PRESS SN			SBE43-Oxy (prime)										
PRI TEMP SN			SBE43-Oxy (sec)										
SEC TEMP SN			Transmissometer										
PRI COND SN			PAR S/N										
SEC COND SN			O2 Tmp Sensor No.										
Niskin No.	DEPTH	Roset. notes	Hydro Team-PMEI				NIS No.	Hydro Team-PMEI				NIS No.	
1	BOT	1832 -	SALT	Nut.Bt	O2 Bt/NO	CHL.							
2	1500	-		2									1
3	1250	-		3									2
4	1000			4	107								3
5	750			5	✓22								4
6	500			6	✓147								5
7	250	-		7	✓227								6
8	175	-		8									7
9	100	f		9									8
10	50	✓		10	x 285								9
11	25	-		11	x 283								10
12	0	-		12	x 283								11
													12

Notes:

VESSEL
R/V Weomega

CRUISE ID TN250
WE1008b

PROJECT & LEG
Eco-FOC

AFSC Cruise ID
1WE10

STATION NO.
157

CONSC CAST #	LATITUDE			LONGITUDE			TIME (GMT)			DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA NAME/ID	
DEG	MIN	SEC	DEG	MIN	SEC	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	(m)		
15 55 56	1.70	N	169 04	.18	W	05	S E P	10	02	40	10	10	10	*	10	10	1580			
SBE 9+			FLUOR S/N																MAX DEPTH =	
PRESS SN			SBE43-Oxy (prime)																m	
PRI TEMP SN			SBE43-Oxy (sec)																	
SEC TEMP SN			Transmissometer																	
PRI COND SN			PAR S/N																	
SEC COND SN			O2 Temp Sensor No.																	
Desired Depth	Roset.			Hydro Team-PMEI			NIS			NIS			NIS			NIS				
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl No	CHL.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	
1	130 ft	-1560			13	* 167					1									1
2	1000	-			14	* 060					2									2
3	750	-			15	* 182					3									3
4	500	-			16	* 058					4									4
5	250	-			17	* 222					5									5
6	175	-			18						6									6
7	100	-			19						7									7
8	50	-			20						8									8
9	30	-			21						9									9
10	20	-			22						10									10
11	10	-			23						11									11
12	0				24						12									12

Bathym 50 m has ST, 1580, 1000

11

Notes:

VESSEL R/V We coma		CRUISE ID: TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 15-2								
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE	WIND DIRL. (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	*	*	(deg)	(kts)	*	*	(m)	PC MOS
1565	06.99	N	16917.79	W	05	S E P	10	0524	9.9	9.9	9.9	220	17	840		
SBE 9+																MAX DEPTH = m
PRESS SN																
PRI TEMP SN																
SEC TEMP SN																
PRI COND SN																
SEC COND SN																
Niskin	DEPTH	Roset.				Hydro Team-PMEI										
No.	DESIRED	notes	SALT	NUT.BH	O2-BH	NO.	CHL.									
1	BOT	833			25	X243			1							
2	760	-	X 567	26					2							
3	550	-		27					3							
4	375	-		28	X 218				4							
5	275	-		29					5							
6	200	-		30					6							
7	150	-		31					7							
8	100	-		32					8							
9	75	-		33					9							
10	50	-		34					10							
11	20	-		35					11							
12	0			36					12							

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b	PROJECT & LEG Eco-FOG	AFSC Cruise ID 1WE10	STATION NO. 153		
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)		
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN
157 56	111.42N	168 59.78W	05 SEP 10 07 33	9.8	9.8	05	23415
SBE 9+		FLUOR S/N					
PRESS S/N		SBE43-Dry (prime)					
PRI TEMP S/N		SBE43-Dry (sec)					
SEC TEMP S/N		Transmissometer					
PRI COND S/N		PAR S/N					
SEC COND S/N		02 Temp Sensor No.					
Niskin	DEPTH	Roset.	Hydro Team-PMEI	NIS	NIS		
No.	DESIRED	notes	SALT Nut. Btl	02-Btl No.	CHL.	No.	No.
1	BOT	-198	37	197		1	1
2	175	-	38			2	2
3	150	-	39			3	3
4	125	-	40			4	4
5	100	-	41			5	5
6	75	-	42			6	6
7	50	-	43			7	7
8	40	-	44			8	8
9	30	-	45			9	9
10	20	-	46			10	10
11	10	-	47			11	11
12	0	-	48			12	12

Notes:

Niskin #9 was not closed (valve) all the way
- broken

VESSEL R/V Wecoma		CRUISE ID: TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 154										
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)			DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID	PWMO3
			DEG	MIN	DAY													
15 85.6	14.62 N	168 58.19 W	05	S E P 1 0	18	35	9.8	9.866	221	16	144	MAX. DEPTH =	m					
SBE 9+								FLUOR SN										
PRESS SN								SBE43-Oxy (prime)										
PRI TEMP SN								SBE43-Oxy (sec)										
SEC TEMP SN								Transmissometer										
PRI COND SN								PAR SN										
SEC COND SN								O2 Tmp Sensor No.										
Niskin	DEPTH	Roset.	Hydro Team-PMEI					NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS	
No.	DESIRED	notes	SALT	NUT.BI	O2-BT[1]No	CHL.		No.										No.
1	139	X 56.9	49					1										1
2	125		50					2										2
3	100		51					3										3
4	75		52					4										4
5	50		53		289			5										5
6	40		54		253			6										6
7	30		55					7										7
8	20		56					8										8
9	10		57					9										9
10	0		58	X 242	✓			10										10
11								11										11
12								12										12

Notes:

VESSEL R/V <i>Wecoma</i>		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 155					
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
SBE 9+													
PRESS SN			FLUOR S/N										
PRI TEMP SN			SBE43-Oxy (prime)										
SEC TEMP SN			SBE43-Oxy (sec)										
PRI COND SN			Transmissometer										
SEC COND SN			PAR S/N										
Niskin	DEPTH	Rosett.	Hydro Team/P-MEL				NIS	MAX DEPTH =					NIS
No.	DESIRED	notes	SALT	NUT.BH	O2-BTl:Mo	CHL	No.	m					No.
1	128			59	144		1						1
2	100			60			2						2
3	75			61			3						3
4	65			62			4						4
5	50			63	285		5						5
6	40			64			6						6
7	30			65			7						7
8	20			66			8						8
9	10			67			9						9
10	0			68			10						10
11							11						11
12							12						12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 156				
CONSC CAST #	LATITUDE MIN.	LONGITUDE DEG MIN.	TIME (GMT) DAY MO YR HR MIN	DRY BULB (*C) (*F)	WET BULB (*C) (*F)	PRESSURE (mb)	SEA STATE • • (deg)	WIND DIRN SPD. (kts)	WIND CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
SBE 9+				FLUOR SN								
PRESS SN				SBE43-Oxy (prime)								
PRI TEMP SN				SBE43-Oxy (sec)								
SEC TEMP SN				Transmissometer								
PRI COND SN				PAR S/N								
SEC COND SN				O2 Tmp Sensor No.								
Niskin No.	DEPTH DEPTH Desired notes	Roset.	Hydro Team-PMEI				Nis No.				Nis No.	
1	109		SALT	Nut.BH	O2-Btl.No	CHL.						
2	90			69			1				1	
3	75			70			2				2	
4	50			71			3				3	
5	40			72		285					4	
6	30			73		283					5	
7	20			74			5				6	
8	10			75			6				6	
9	0			76			7				7	
10				570	77	208	8				8	
11							9				9	
12							10				10	
							11				11	
							12				12	

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 157									
CONSEC CAST #	LATITUDE		LONGITUDE		DAY	MO	YR	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
DEG	MIN	DEG	MIN	HR	MIN						*	*	(deg)	(kts)	*	*	
SBE 9+								FLUOR S/N									
PRESS SN								SBE43-Oxy (prime)									
PRI TEMP SN								SBE43-Oxy (sec)									
SEC TEMP SN								Transmissometer									
PRI COND SN								PAR S/N									
SEC COND SN								O2 Temp Sensor No.									
Niskin	DEPTH	Roset:		Hydro Team-PMEI				Nis		Nis		Nis		Nis		Nis	
No.	DESIGNED	notes		SALT	Nut.Btl	O2-Btl.No.	CHL.	No.		No.		No.		No.		No.	
1	124				78			1		1		1		1		1	
2	100				79			2		2		2		2		2	
3	75				80			3		3		3		3		3	
4	65				81			4		4		4		4		4	
5	50				82			5		5		5		5		5	
6	40				83			6		6		6		6		6	
7	30				84	>178	1	7		7		7		7		7	
8	20				85			8		8		8		8		8	
9	10				86			9		9		9		9		9	
10	0				87			10		10		10		10		10	
11								11		11		11		11		11	
12								12		12		12		12		12	

Notes:

none

VESSEL R/V <i>Weconia</i>		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOOC		AFSC Cruise ID IWE10		STATION NO. 158								
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (*C)	WET BULB (*C)	PRESSURE mb)	SEA STATE •	WIND DIRN. deg)	WIND SPO. (kts)	CLOUD (amt) •	WEATHER TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
DEG	MIN	MIN	DAY	MO	YR	HR	MIN	(mb)	*	(deg)	(kts)	*	*	(m)		
162	56	20.00	N	16826.	32W	05	S E P 1 0	1409	9.3	9.3	11	234	17	155	PCSOZ	
SBE 9+																
PRESS SN																
PRI TEMP SN																
SEC TEMP SN																
PRI COND SN																
SEC COND SN																
Niskin	DEPTH	Rosett.		Hydro Team-PME		NIS		NIS		NIS		NIS		NIS		
No.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No.	CHL.		No.		No.		No.		No.		
1	150		88	230				1								
2	125		89					2								
3	100		90					3								
4	75		91					4								
5	50		92					5								
6	40		93	283				6								
7	30		94					7								
8	20		95					8								
9	10		96					9								
10	0	x 57	97					10								
11								11								
12								12								

Notes:

Salinity trace looks mixed up!

VESSEL R/V <i>Wecoma</i>		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOC		AFSC Cruise ID 1WE10		STATION NO. 159								
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (*C)	WET BULB (*C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR.	HR.	MIN	*	*	*	*	*	*	
SBE 9+																
PRESS SN																
PRI TEMP SN																
SEC TRAP SN																
IPR COND SN																
SEC COND SN																
Niskin	DEPTH	Rosett.				Hydro Team-PMEL				NIS	NIS	NIS	NIS	NIS	NIS	
No.	DESIRED	notes	SALT	Nut.BI	O2-Btl.No	CHL.				No.	No.	No.	No.	No.	No.	
1	167		88							1					1	
2	125		99							2					2	
3	100		100							3					3	
4	75		101							4					4	
5	65		102							5					5	
6	50		103		285					6					6	
7	40		104		283					7					7	
8	30		105							8					8	
9	20		106							9					9	
10	10		107							10					10	
11	0		108	✓	175					11					11	
12										12					12	

Notes:

✓✓

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOC		AFSC Cruise ID 1WE10		STATION NO. 160								
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	*	*	(deg)	(kts)	*	*	(m)	PCSD4
SBE 9+																
PRESS SN																
PRI TEMP SN																
SEC TEMP SN																
PRI COND SN																
SEC COND SN																
Niskin	DEPTH	Roset:	Hydro Team PHMEL				NIS									
No.	DESIRED	notes	SALT	Nut.BI	02-Btl.No	CHL.	NIS									NIS
1	239		572	109	145			1								
2	200			110				2								
3	175			111				3								
4	150			112				4								
5	125			113				5								
6	100			114				6								
7	75			115				7								
8	50			116				8								
9	40			117				9								
10	30			118				10								
11	20			119				11								
12	10			120				12								

Notes:

REMARKS

MAX. DEPTH =

m

VESSEL
R/V **Wecoma**

CRUISE ID TN250
WE1008b

PROJECT & LEG
Eco-FOCI

AFSC Cruise ID
1WE10

STATION NO.
161

PCSDS
STA. NAME/ID

CONSC CAST #	LATITUDE			LONGITUDE			TIME (GMT)			DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.	WIND SPD.	CLOUD (amt)	WIND TYPE	WEATHER	BOTTOM DEPTH	STATION NO.
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)					
SBE 9+																										
PRESS SN																										
PRI TEMP SN																										
SEC TEMP SN																										
PRI COND SN																										
SEC COND SN																										
Niskin	DEPTH	ROSETT																								
No.	DESIRED	notes	SALT	NUT.BU	02-BTL#	CHL																				
1	378				121																					
2	300				122																					
3	200				123																					
4	150				124																					
5	100				125																					
6	75				126																					
7	50				127																					
8	40				128																					
9	30				129																					
10	20				130																					
11	10				131																					
12	0				132	✓235																				

REMARKS

MAX. DEPTH =

m

Hydro Team-PMEI		NIS		NIS	
No.	No.	No.	No.	No.	No.
1	378	121	1	1	1
2	300	122	2	2	2
3	200	123	3	3	3
4	150	124	4	4	4
5	100	125	5	5	5
6	75	126	6	6	6
7	50	127	7	7	7
8	40	128	8	8	8
9	30	129	9	9	9
10	20	130	10	10	10
11	10	131	11	11	11
12	0	132	12	12	12

Notes:

150

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOC		AFSC Cruise ID 1WE10		STATION NO. 162			
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE • (deg)	WIND DIRN. SPD. (kts)	WIND CLOUD (amt) TYPE WEATHER	BOTTOM DEPTH (m)	PCSD STA. NAME/ID
161 56.024.60 N	168 32.89 W	05 SEP 10	1800	9.6	9.6	12	203 15	203 15	492		
SBE 9+		FLUOR S/N									
PRESS SN		SBE43-Oxy (prime)									
PRI TEMP SN		SBE43-Oxy (sec)									
SEC TEMP SN		Transmissometer									
PRI COND SN		PAR S/N									
SEC COND SN		O2 Temp Sensor No.									
Niskin No.	DEPTH	ROSETTE	Hydro Team-PMEL				NIS No.	NIS No.			
1	488	✓573	SALT	Nut.Bu	O2-BTL No	CHL.					
2	400	133					1				
3	300	134					2				
4	200	135					3				
5	100	136					4				
6	75	137					5				
7	50	138					6				
8	40	139					7				
9	30	285					8				
10	20	140					9				
11	10	141					10				
12	0	142					11				
		143					12				
		144									

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 163								
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (*C)	WET BULB (*C)	PRESSURE (mb)	SEA STATE DRN.	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	BOTTOM DEPTH (m)	WEATHER STA. NAME/ID	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN		*	*	*	*	*		
1675557.30N	16834.77W	05 SEP 10	1941	9.8	7.8	13	19519								PCSO7	
SBE 9+		FLUOR S/N														
PRESS SN		SBE43-Dwy (prime)														
PRI TEMP SN		SBE43-Dwy (sec)														
SEC TEMP SN		Transmissometer														
PRI COND SN		PAR S/N														
SEC COND SN		O2 Tmp Sensor No.														
Niskin No.	DEPTH	Roset.	Hydro Team-PMEI				NS		NS		NS		NS		NS	
DESIRED notes			SALT	Nut.Bt	O2-Btl.No	CHL.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
1	105	-155		145	167			1								1
2	125	-		146				2								2
3	150			147				3								3
4	75			148				4								4
5	50			149	285			5								5
6	40			150	283			6								6
7	30			151				7								7
8	20			152				8								8
9	10			153				9								9
10	0			154				10								10
11								11								11
12								12								12

Notes:

None

VESSEL

R/V Wecoma

CRUISE ID TN250

WE1008b

PROJECT & LEG
Eco-FOCIAFSC Cruise ID
TWE10STATION NO.
164

CONSC

CAST #

LATITUDE

LONGITUDE

TIME (GMT)

DRY BULB
(°C)WET BULB
(°C)PRESSURE
(mb)SEA STATE
DIRN.
(deg)

VISIBILITY

WIND
SPD.
(kt/s)WIND
DIRN.
(deg)

CLOUD (amt)

TYPE

WEATHER

1/4 S
PC548BOTTOM
DEPTH
(m)

STA. NAME/ID

SBE 9+

PRESS SN

PRI TEMP SN

SEC TEMP SN

PRI COND SN

SEC COND SN

FLOOR 5/N

SBE43-Oxy (prime)

SBE43-Oxy (sec)

Transmissometer

PAR SN

O2 Tmp Sensor No.

REMARKS

MAX. DEPTH = m

Niskim No.	DEPTH Desired notes	Hydro Team-PMEI					NIS No.	NIS No.
		SALT	Nut.Bri	O2-Bri,No	CHL			
1	Bot	140'	X	153	221		1	1
2	125	1		154			2	2
3	100	1		157			3	3
4	75	1		158			4	4
5	50	1		159			5	5
6	46	1		160			6	6
7	30	1		161			7	7
8	20	1		162			8	8
9	10	1		163			9	9
10	0	1		164			10	10
11							11	11
12							12	12

Notes:

VESSEL R/V Wecoma	CRUISE ID TN250 WE1008b	PROJECT & LEG Eco-FOC		AFSC Cruise ID 1WE10		STATION NO. 165							
		CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	TIME (GMT) DAY MO YR HR MIN	DRY BULB (*C) (°C)	WET BULB (mb)	PRESSURE SEA STATE	WIND DIRN. DEPN.	WIND SPD. (kts)	CLOUD (amt) TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
SBE 9+													
PRESS SN													
PRI TEMP SN													
SEC TEMP SN													
PRI COND SN													
SEC COND SN													
Niskin	DEPTH	ROSET											
No.	DESIRED	notes	SALT	NUT.BU	O2.BTL.NO	CHL.		NIS No.				NIS No.	
1	BOT	135~	574	165	147			1				1	
2	100	~	146					2				2	
3	75	~	167					3				3	
4	50	~	168		285			4				4	
5	40	~	169		283			5				5	
6	30	~	170					6				6	
7	30	~	171					7				7	
8	10	~	172					8				8	
9	0		173	283				9				9	
10								10				10	
11								11				11	
12								12				12	

Notes:

48°

48°

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 166										
CONSC CAST #	LATITUDE					TIME (GMT) (hr:min)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	PCP	
		DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	*	*	*	*	*	*		
17Φ55'39.	97°N	16	84	1	.04	W	45	S	E	P	1	0	23	22	/	0	410.3	165
SBE 9+				FLUOR S/N														
PRESS S/N				SBE43-Oxy (prime)														
PRI TEMP S/N				SBE43-Oxy (sec)														
SEC TEMP S/N				Transmissometer														
PRI COND S/N				PAR S/N														
SEC COND S/N				O2 Trans Sensor No.														
Niskin	DEPTH	Roset.		Hydro Team-PMEL				Nis		Nis		Nis		Nis		Nis		
NO.	DESIRED	notes	SALT	Nut.Btl	O2-Btl.No	CHL		No		No		No		No		No		
1	160			174	227			1									1	
2	150			175				2									2	
3	125			176				3									3	
4	100			177				4									4	
5	75			178				5									5	
6	50			179				6									6	
7	40			180				7									7	
8	30			181				8									8	
9	20			182				9									9	
10	10			183				10									10	
11	0			184				11									11	
12								12									12	

Notes:

No
No

166

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOC		AFSC Cruise ID WE10		STATION NO. 167									
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SBD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	PQS II
ISBE 9+																	
PRESS SN																	
PRI TEMP SN																	
SEC TEMP SN																	
PRI COND SN																	
SEC COND SN																	
Niskin	DEPTH	ROSETTE	Hydro Team-PMEL				NIS	Cast 1710		NIS	Cast 1710		Cast 1710		Cast 1710		
No.	DESIRED	notes	SALT	NUT.BI	O2-BT[No]	CHL	No.	BT file Bot.7		No.	BT file Bot.7		BT file Bot.7		BT file Bot.7		
1	1	Bot	712	hit bottom	500 - No samples	185		1			1						
2	2					185		2			2						
3	3					186		3			3						
4	4					187		4			4						
5	5					188		5			5						
6	6					189		6			6						
7	7					19		7			7						
8	8					12		8			8						
9	9							9			9						
10	10							10			10						
11	11							11			11						
12	12							12			12						

Notes:
H2

0

20°

17

283

171012

MESSAGE

CRUISE ID TN250

AFSC Cruise ID

WE1008b

JWE10

VESSEL R/V Wecoma		PROJECT & LEG WE1008b		AFSC Cruise ID 1WE10		STATION NO. 168										
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(deg)	(kts)	*	
1725529.95N	16844.70W	06 SEP 10 0206	11.510.706	104528	11	06	10	07	06	14.5	14.5	1010	145	28	1603	
SBE 9+			FLUOR S/N													
PRESS SN			SBE43-Oxy (prime)													
PRI TEMP SN			SBE43-Doxy (sec)													
SEC TEMP SN			Transmissometer													
PRI COND SN			PAT S/N													
SEC COND SN			O2 Tmp Sensor No.													
Niskin	DEPTH	ROSET.	Hydro Team: PMEL				Nis				Nis				MAX. DEPTH =	
No.	DESIRED	notes	SALT	Nut.Btl	02-Btl No	CHL.	No.	No.	No.	No.	No.	No.	No.	No.	m	
1	Bot	1594	✓576	8	X		1									
2	1250		9	X			2									
3	1000		10	X	167		3									
4	750	open valves	11	X			4									
5	500		12	X			5									
6	250		13	X			6									
7	175		14	X			7									
8	100		15	X			8									
9	75		16	X			9									
10	50		17	X			10									
11	25		18	X			11									
12	D		19	X			12									

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO 169										
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	PCMAX14 STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	*	*	(deg)	*	*	(m)		
173	55	54.5	21	168	06.2	14	10	182111.211.206									142	
SBE 9+				FLUOR S/N														MAX DEPTH = m
PRESS SN				SBE43-Oxy (prime)														
PRI TEMP SN				SBE43-Oxy (sec)														
SEC TEMP SN				Transmissometer														
PRI COND SN				PAR S/N														
SEC COND SN				02 Tmp Sensor No.														
Niskin No.	DEPTH	Roset. notes	Hydro Team-PHEMEL				Nis No.		Nis No.				Nis No.					
DESIRED			SALT	NUT.BTU	O2-BTU.NO	CHL												
1	137		20	1058					1									
2	100		21						2									
3	75		22						3									
4	50		23						4									
5	40		24						5									
6	30		25						6									
7	20		26						7									
8	10		27						8									
9	0		28						9									
10									10									
11									11									
12									12									

Notes:

NO

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 170								
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN		TIME (GMT) DAY MO YR HR MIN		DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. deg	WIND SPD. (kts)	CLOUD (amt)	TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
		DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	*
SBE 9+																
PRESS SN																
PRI TEMP SN																
SEC TEMP SN																
PRI COND SN																
SEC COND SN																
Niskin DEPTH	Roset.	Hydro Team PHMEL				NIS										
No.	DESIRED notes	SALT	Nut.Bd	O2-Bd, No.	CHL.	NIS										
1	145			29												
2	125			30												
3	100			31												
4	75			32												
5	SD			33												
6	40			34												
7	30			35												
8	20			36												
9	10			37												
10	0	577	38	222	✓											
11																
12		✓	✓													
						12										

Notes:

VESSEL

R/V **Wecoma**CRUISE ID: TN250
WE1008bPROJECT & LEG
Eco-FOGAFSC Cruise ID
1WE10STATION NO.
171

CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	MAX DEPTH = m	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*
SBE 9+																		
PRESS SN																		
PRI TEMP SN																		
SEC TEMP SN																		
PRI COND SN																		
SEC COND SN																		
Niskin	Roset		Hydro Team+PMEL		REMARKS			Ns		Ns		Ns		Ns		Ns		
No.	DEPTH	notes	SALT	Nut.BH	02-BH, No.	CHL.		No.		No.		No.		No.		No.		No.
1	215			39	✓243			1										1
2	175				40													2
3	150				41													3
4	100				42													4
5	75				43													5
6	50				44													6
7	40				45													7
8	30				46													8
9	20				47													9
10	10				48													10
11	0				49													11
12																		12

Notes:

105

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b	PROJECT & LEG Eco-FOCI	AFSC Cruise ID 1WE10	STATION NO. 172
CONSC CAST #		LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (*C)
DEG	MIN	DEG	MIN	DAY	MO
				HR	MIN
1765602157N	16832.94W	10 SEP 10	1241	19.4	9.45
SBE 9+		FLUOR S/N			
PRESS SN		SBE43-Oxy (prime)			
PRI TEMP SN		SBE43-Oxy (sec)			
SEC TEMP SN		Transmissometer			
PRI COND SN		pAR S/N			
SEC COND SN		O2 Tmp Sensor No			
Niskin	DEPTH	ROSETTE	Hydro Team-PMEI		
No.	DESIRED	notes	SALT	NUT.BTU	O2-BTU,NO
1	486		578	50	
2	400		51		1
3	300		52		2
4	200		53		3
5	100		54		4
6	75		55		5
7	50		56		6
8	40		57		7
9	30		58		8
10	20		59		9
11	10		60		10
12	0		61	218	11
					12

Notes:

VESSEL R/V Welcom		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 173	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	SEA STATE VISIBILITY	WIND DIRN (deg)
177	56	03.	92	N	168	41.	18	•	•
SBE 9+				2	W	D	6	•	•
PRESS SN				6	S	E	P	•	•
PRI TEMP SN				10	1	0	1	•	•
SEC TEMP SN				35	6	9	.5	•	•
PRI COND SN				9	5	0	5	•	•
SEC COND SN				02	Tmp Sensor No				
Niskin	DEPTH	Roset.				Hydro Team-PMEI			
No.	DESIRED	notes	SALT	NUT.BT	O2-BT(No)	CHL.		NIS	
1	814			62	✓197			No.	
2	600			63				1	
3	400	Tmax (subsurf)		64				2	
4	300	300 Tmp		65				3	
5	200			66				4	
6	100			67				5	
7	50			68				6	
8	50			69				7	
9	40			70				8	
10	30			71				9	
11	20			72				10	
12	0			73				11	
								12	

Notes:

10°

VESSEL R/V <i>Wecoma</i>		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 174					
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	TIME (GMT) DAY MO YR HR MIN	DRY BULB °C	WET BULB °C	PRESSURE (mb)	SEA STATE DIRN.	WIND SPD. (kts)	WIND DIRN. (deg)	CLOUD (amt)	WEATHER TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
SBE 9+				FLUOR S/N									
PRESS SN				SBE43-Oxy (prime)									
PRI TEMP SN				SBE43-Oxy (sec)									
SEC TEMP SN				Transmissometer									
PRI COND SN				PAR S/N									
SEC COND SN				O2 Tmp Sensor No.									
NIS/KN DEPTH	Reset notes	Hydro Team-PMEI				NIS	NIS	NIS No.					
No.	DESIRED	SALT	Nut.Bti	O2-Bti No	Chl.	No.	No.	1					
1	745			74	242			1					
2	600			75				2					
3	500			76				3					
4	400			77				4					
5	300			78				5					
6	200			79				6					
7	100			80				7					
8	50			81	285			8					
9	30			82	283			9					
10	20			83				10					
11	10			84				11					
12	0	✓ 579	85	✓ ✓				12					

Notes:

VESSEL R/V Welcom		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 175					
CONSC CAST #	DEPTH DEG	LATITUDE MIN	LONGITUDE MIN	TIME (GMT) DAY MO YR HR MIN	DRY BULB (*C)	WET BULB (*C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. deg	WIND SPD. (kts)	CLOUD TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
179	56	06.98	N	169 01.90 W	06 SEP 10 18 40 10.1	9.904	1018.6	18622	MAX. DEPTH =	840	PCAX 08	12	m
SBE 9+				FLUOR S/N									
PRESS SN				SBE43-Oxy (prime)									
PRI TEMP SN				SBE43-Oxy (sec)									
SEC TEMP SN				Transmissometer									
PRI COND SN				PAR S/N									
SEC COND SN				O2 Temp Sensor No.									
Niskin		Roset.		Hydro Team-PMEL				Nis		Nis		Nis	
No.	DESIRED	notes		SALT	Nut.Btl	O2-Btl/No	CHL.	No.		No.		No.	
1	835			86				1					1
2	700			87				2					2
3	500			88				3					3
4	400			89				4					4
5	275	T min		90				5					5
6	200			91				6					6
7	150			92				7					7
8	100			93				8					8
9	75			94				9					9
10	50			95				10					10
11	20			96				11					11
12	0			97	X 144			12					12

Notes:

100

NO

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG (Eco-FOC)		AFSC Cruise ID 1WE10		STATION NO. 174									
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SED.	CLOUD (amt)	TYPE	BOTTOM DEPTH	STA., NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	(m)
SBE 9*																	
PRESS SN																	
PRI TEMP SN																	
SEC TEMP SN																	
PRI COND SN																	
SEC COND SN																	
Niskin	DEPTH	Rosel.	Hydro Team: PMEL		NIS		NIS		NIS		NIS		NIS		NIS		
No.	DESIRED	notes															
1	BSL	1139 -															
2	900	-															
3	700	-															
4	500	-															
5	400	-															
6	250	-															
7	175	-															
8	100	-															
9	75	-															
10	50	-															
11	25	-															
12	0	-															

Notes:

REMARKS

MAX. DEPTH = m

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOC		AFSC Cruise ID IWE10		STATION NO. 178					
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
SBE 9+													
PRESS SN													
PRI TEMP SN													
SEC TEMP SN													
PRI COND SN													
SEC COND SN													
Niskin	DEPTH	ROSETTE	Hydro Team-PMEI				NIS.	NIS.					
No.	DESIRED	notes	SALT	Nut.Btl	O2-BtlNo	CHL.	No.	No.					
1	130	555					1						
2	110	-					123	235					
3	950	-					124		2				
4	300	-					125		3				
5	250	-					126		4				
6	200	-					127		5				
7	150	-							6				
8	100	-							7				
9	75	-							8				
10	50	-							9				
11	25	-							10				
12	0	-							11				
									12				

Notes:

Did not get sampled

VESSEL R/V Wecoma	CRUISE ID TN250 WE1008b	PROJECT & LEG EcoFOCI	AFSC Cruise ID TWE10												STATION NO. 179							
			LATITUDE				LONGITUDE				TIME (GMT)				DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER
CONSC CAST #	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	* * (deg)	(kts)	* * (m)	(m)						
SBE 9+																						
PRESS SN																						
PRI TEMP SN																						
SEC TEMP SN																						
PRI COND SN																						
SEC COND SN																						
NISKIN	DEPTH	ROSET.	Hydro Team-PMEI												N/S	N/S				N/S		
No.	DESIRED	notes	SALT	NUt.SU	O2-Btl.No	CHL.									No.	N/S				No.	N/S	
1	BOT	400			134	X29									1	N/S					N/S	
2	350	-			135										2	N/S					N/S	
3	300	-			136										3	N/S					N/S	
4	250	-			137										4	N/S					N/S	
5	200	-			138										5	N/S					N/S	
6	150	-			139										6	N/S					N/S	
7	100	-			140										7	N/S					N/S	
8	75	-			141										8	N/S					N/S	
9	75	-			142										9	N/S					N/S	
10	50	-			143										10	N/S					N/S	
11	25	-			144										11	N/S					N/S	
12	8				145										12	N/S					N/S	

Notes:

VESSEL		CRUISE ID	TN250	PROJECT & LEG	AFCSC Cruise ID	STATION NO.						
		WE1008b		Eco-FOCI	1WE10	184						
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	STATION NAME/ID
1845613.30 N	16944.12 W	10.2 9.800	10.0 6401	10.2	24628	1060	PC BXd3	360	0	0	0	0
SBE 9*	FLUOR S/N											
PRESS SN	SSE43-Dwy (pmm)											
PRI TEMP SN	SSE43-Dwy (sec)											
SEC TEMP SN	Transmissometer											
PRI COND SN	PAR S/N											
SEC COND SN	O2 Temp Sensor No.											
Niskin No.	DEPTH	ROSETTE	Hydro Team-PMEL					REMARKS				
1	261	278'	SALT	NUT_BTL	O2_BTL_No	CHL.	NIS No.	First station on this leg with old lower NLD ~30 m off Chelcos.				
2	250	-		146	167		1					
3	200	-		147			2					
4	125	-		148			3					
5	100	-		149			4					
6	75	-		150			5					
7	50	-		151			6					
8	40	-		152	285		7					
9	30	-		153	283		8					
10	20	-		154			9					
11	10	-		155			10					
12	D	-		156			11					
				157			12					

VESSEL R/V Wecoma		CRUISE ID WE1008b	PROJECT & LEG EcoFOCI	AFSC Cruise ID 1WE10	STATION NO. 18
CONSC CAST #		LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB WET BULB PRESSURE SEA STATE VISIBILITY
DEG	MIN	DEG	MIN	DAY MO YR	HR MIN (°C) (°C) (mb) • * (deg) (kts) • • Wind Dirn Spd. Cloud (amt) Type Weather
185	56	14.73	N	169 5' 3.	02 W 47' S E P 1 0 355810.1 9.8 01 02 1135 120
SBE 9+				FLUOR SN	WIND DIRN SPD. CLOUD (amt) TYPE WEATHER
PRESS SN				SBE43-Oxy (prime)	BOTTOM DEPTH
PRI TEMP SN				SBE43-Oxy (sec)	STA. NAME/ID
SEC TEMP SN				Transmissometer	
PRI COND SN				PAR SN	
SEC COND SN				O2 Tmp Sensor No.	
Niskin	DEPTH	Roset.	Hydro Team-PMEL		
No.	DESIRED	notes	SALT	NUT.BN	O2-BRN/NO
1	130	-	X	158	CHL.
2	80	/		159	
3	50	/		160	
4	40	/		161	
5	30	/		162	
6	20	/		163	
7	10	/		164	
8	D			165	
9				166	
10				167	
11				168	
12				169	
					MAX. DEPTH = 120 m

Notes:

X

VESSEL R/V Weconia	CRUISE ID WE1008b	PROJECT & LEG Eco-FOCI	AFSC Cruise ID 1WE10	STATION NO. 182																
CONSC CAST #	LATITUDE			LONGITUDE			TIME (GMT)			DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND	WIND	CLOUD (amt)	WEATHER	BOTTOM	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)	
18654	41	24	N	16614.	19	W	08	S E P 1 0	0406	9.1	9.6	19	226	32						
SBE 9*				FLUOR S/N																
PRESS SN				SBE43-Oxy (prime)																
PRI TEMP SN				SBE43-Oxy (sec)																
SEC TEMP SN				Transmissometer																
PRI COND SN				PAR S/N																
SEC COND SN				02 Tmp Senson No.																
Niskin	Roset.										Hydro Team+PMEL									
	DEPTH	SALT	Nut-Bt	O2-Bt	No.	OHL					NIS					NIS				
No.	DESIRED	notes								No.					No.					
1	<i>BOT</i>	285	-	580	1	221				1					1					
2	250	/			2					2					2					
3	200	/			3					3					3					
4	150	/			4					4					4					
5	100	/			5					5					5					
6	75	/			6					6					6					
7	50	-			7	285				7					7					
8	40	-			8	283				8					8					
9	30	-			9					9					9					
10	20	-			10					10					10					
11	10	-			11					11					11					
12	0				12	283				12					12					

Notes:

VESSEL R/V Wacoma		CRUISE ID TN250		PROJECT & LEG Eco-FOCI		AFSC Cruise ID WE1008b		STATION NO. 133									
CONSC CAST #	LATITUDE	LONGITUDE		TIME (GMT)		DRY BULB		WET BULB (°C)	PRESSURE (mb)	SEA STATE DIRN.	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt.)	TYPE	WEATHER	DEPTH Bottom (m)	STA. NAME/ID
		DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	*	*	(deg)	(kts)	*	(m)
SBE 9+																	
PRESS SN																	
PRI TEMP SN																	
SEC TEMP SN																	
PRI COND SN																	
SEC COND SN																	
Niskin	DEPTH	Roset:		Hydro Team-PMEI		NIS		NIS		NIS		NIS		NIS		NIS	
NO.	DESIRED	notes	SALT	Nut.Btl	O2 Btl.No.	CHL.		No.		No.		No.		No.		No.	
1	60T	2108'		13				1									1
2	175	-		14				2									2
3	150	-		15				3									3
4	125	-		16				4									4
5	100	-		17				5									5
6	75	-		18				6									6
7	50	-		19		285		7									7
8	40	-		20		283		8									8
9	30	-		21				9									9
10	20	-		22				10									10
11	10	-		23				11									11
12	0			24	* 147?	282		12									12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID TWE10		STATION NO. 185							
CONSC CAST #	LATITUDE	LONGITUDE			TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
1895452.10 N	16540.28 W	08 SEP 10 09 17 59.3	8.921	24026	142.	UBN3									
SBE 9+	FLUOR S/N														
PRESS SN	SBE43-Oxy (prime)														
PRI TEMP SN	SBE43-Oxy (sec)														
SEC TEMP SN	Transmissometer														
PRI COND SN	PAR S/N														
SEC COND SN	O2 Tmp Sensor No.														
Niskin No.	DEPTH Desired	Roset.			Hydro Team-PMEL				NIS						NIS
No.	notes	SALT	Nut.BI	O2 Blt No	CHL.				No.						No.
1	138			35					1						1
2	125			36					2						2
3	100			37					3						3
4	73			38					4						4
5	50			39	T				5						5
6	40			40					6						6
7	30			41					7						7
8	20			42					8						8
9	10			43					9						9
10	0			44	x 060 ✓				10						10
11									11						11
12									12						12

Notes:

Bottle 6 - Valve open

X

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOOL		AFSC Cruise ID 1WE10		STATION NO. 186					
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE DIRN.	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
SBE 9+			FLUOR S/N										
PRESS SN			SBE43-Dry (prime)										
PRI TEMP SN			SBE43-Oxy (sec)										
SEC TEMP SN			Transmissometer										
PRI COND SN			PAR S/N										
SEC COND SN			O2 Temp Sensor No.										
Niskin No.	DEPTH	ROSET.	Hydro Team-PMEI				NIS No.	NIS				NIS No.	
1	120		SALT	NUT.BT	O2-BTL No.	CHL.	No.						
2	100		45		✓ 182		1						1
3	75				46			2					2
4	50				47			3					3
5	40				48								4
6	30				49	285		4					4
7	20				50			5					5
8	10				51			6					6
9	0				52			7					7
10					53			8					8
11								9					9
12								10					10
								11					11
								12					12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AESC Cruise ID 1WE10		STATION NO. 187												
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID VBNS							
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	*	*	*	*	(m)								
19	15	41	59	35	N	165	16	.8	2	W	08	S E P 1 0	1247	9.2	8.9	22	249	27	115	L15
SBE 9+						FLUOR S/N														
PRESS SN						SBE43-Oxy (prome)														
PHI TEMP SN						SBE43-Oxy (sec)														
SEC TEMP SN						Transmissometer														
PRI COND SN						PAR S/N														
SEC COND SN						O2 Tmp Sensor No.														
Rosett.		Hydro Team-PMEI																		
No.	DEPTH	SALT	Nut.Btl	O2-Btl.No	CHL.								NIS	NIS						
1	110												No.	No.						
2	75																			
3	50																			
4	46																			
5	30																			
6	20																			
7	10																			
8	0																			
9																				
10																				
11																				
12																				

Notes:

VESSEL R/V Wecoma		CRUISE ID: TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 188									
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	*
SBE 9*			FLUOR S/N														
PRESS SN			SBE43-Oxy (prime)														
PRITEMP SN			SBE43-Oxy (sec)														
SEC TEMP SN			Transmissometer														
PRI COND SN			PAR S/N														
SEC COND SN			0.2 Temp Sennon No.														
Nasun	DEPTH	Roset.	Hydro Team-PHE				Ns		Ns		Ns		Ns		Ns		
No.	DESIRED	notes	SALT	Nut.BU	02-Btl.No	CHL.	Ns		Ns		Ns		Ns		Ns		
1	105		X 581	6.2	X 587		1		1		1		1		1		
2	75			63			2		2		2		2		2		
3	50			64			3		3		3		3		3		
4	46		105				4		4		4		4		4		
5	30		66				5		5		5		5		5		
6	20		67				6		6		6		6		6		
7	10						7		7		7		7		7		
8	0		69				8		8		8		8		8		
9							9		9		9		9		9		
10							10		10		10		10		10		
11							11		11		11		11		11		
12							12		12		12		12		12		

Notes:

VESSEL R/V Wiecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 189								
CONSC. CAST #	LATITUDE	LONGITUDE			TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE DIRN.	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME / ID	
SBE 9+					FLUOR S/N											
PRESS SN					SBE43-Oxy (prime)											
PRI TEMP SN					SBE43-Oxy (sec)											
SEC TEMP SN					Transmissometer											
PRI COND SN					PART S/N											
SEC COND SN					O2 Temp Sensor No.											
Niskin No.		Hydro Team-PMEI				Ns No.		Ns No.		Ns No.		Ns No.		Ns No.		
DEPTH No.	ROSET. notes	SALT	NUT.BTL	O2-BTL No.	CHL.											
1	87			70				1								1
2	50			71		285		2								2
3	40			72		283		3								3
4	30			73												4
5	20			74				4								5
6	10			75				5								6
7	0			76	222	✓		7								7
8									8							8
9									9							9
10									10							10
11									11							11
12									12							12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 190							
CONSC CAST #	LATITUDE	LONGITUDE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE DIRN.	WIND DIRN.	WIND SPD. (kt)	CLOUD (amt)	BOTTOM DEPTH (m)	WEATHER TYPE	STA. NAME/ID	
1945449.601N	16453.64W	08 SEP 10 1700	8.8	4624	24318	75								UBEZ	
SBE 9+		FLUOR SN													
PRESS SN		SBE43-Oxy (prime)													
PRI TEMP SN		SBE43-Oxy (sec)													
SEC TEMP SN		Transmissometer													
PRI COND SN		PAR S/N													
SEC COND SN		O2 Tmp Sensor No.													
Niskin	DEPTH	ROSET.	Hydro Team-PMEI				NIS		NIS						
No.	DESIRED	notes	SALT	Nut.Bt!	02-BRNNo	CHL.	No	No	No	No					
1	70		77	✓243			1								1
2	50		78	285			2								2
3	40		79	283			3								3
4	30		80				4								4
5	20		81				5								5
6	10		82				6								6
7	0		83				7								7
8							8								8
9							9								9
10							10								10
11							11								11
12							12								12

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG EcoFOCI		AFSC Cruise ID 1WE10		STATION NO. 191															
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE		TIME (GMT)		DRY BULB (*C)	WET BULB (*C)	PRESSURE (mb)	SEA STATE DIRN. (deg)	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID								
		DEG	MIN	DAY	MO	YR	HR	MIN															
195	54	42	.9	4	N	16	44	7.0	6	07	S	E	P	1	0	1950	9.1	.	25	242	23	44	UBEO3
SBE 9+									FLUOR S/N														
PRESS SN									SBE43-Oxy (prime)														
PRI TEMP SN									SBE43-Oxy (sec)														
SEC TEMP SN									Transmissometer														
PRI COND SN									Par S/N														
SEC COND SN									02 Temp Sensor No.														
Niskin		Roset.		Hydro Team-PWEL		Nes		Nes		Nes		Nes		Nes		Nes		Nes		Nes			
No.	DEPTH	DESRED	notes	SALT	Nut,Stu	O2-Btl No	CHL	No.						No.		No.							
1	40								84														
2	30								85														
3	20								86														
4	10								87														
5	0								88														
6									218														
7																							
8																							
9																							
10																							
11																							
12																							

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 192											
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN		DAY	MO	YR	TIME (GMT) HR MIN	DRY BULB (*C)	WET BULB (*C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
		DEG	MIN																
19	6 54 26 . 45 N	164 59 . 24 W	68 S E P 1 0 22 24 08 . 4														57	UBSI	
SBE 9+								FLUOR S/N											
PRESS S/N								SBE43-Oxy (prime)											
PRI TEMP S/N								SBE43-Oxy (sec)											
SEC TEMP S/N								Transmissometer											
PRI COND S/N								PAR S/N											
SEC COND S/N								O2 Tmp Sensor No.											
Niskin	DEPTH	Roset:						Hydro Team-PMEI											
No.	DESIRED	notes	SALT	Nut.BR	O2 STINGO	CHL.	No.	NIS											NIS
1	Rot	49		189	197	285	1												No.
2	40			90		283	2												
3	30			91			3												
4	26			92															
5	16			93															
6	D			94		283	4												
7							5												
8							6												
9							7												
10							8												
11							9												
12							10												
							11												
							12												

Notes:

Vessel R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. \93					
CONSC CAST #		LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	BOTTOM DEPTH (m)	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	*	*	*	*	UBS2
1 9 7 5 4 2 5 . 1 8 N		1 6 5 0 8 . 5 2 W		4 8 S E P 1 0 2 3 3 4	9 . 0	8 1 . 2 2 5	2 6 6	1 8					
SBE 9+		FLUOR S/N											
PRESS SN		SBE43-Dry (prime)											
PRI TEMP SN		SBE43-Dry (sec)											
SEC TEMP SN		Transmissometer											
PRI COND SN		PAR S/N											
SEC COND SN		O2 Temp Sensor No.											
Niskin	DEPTH	ROSETTE	Hydro Team-PMEI				NS						
No.	DESIRED	NOTES	SALT	NUt.BH	O2-BH,NO	CHL.		No					
1	BOT	13S'		95				1					
2	100	-		96				2					
3	75	-		97				3					
4	60	-		98		285	4						
5	60	-		99		283	5						
6	30	-		100				6					
7	20	-		101				7					
8	10	-		102				8					
9	8			103	242	283	9						
10								10					
11								11					
12								12					

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 194	
CONSC CAST #		LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DRNL (deg)
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	(deg)	(kts)
19	35	42	21.02	N	165	17	30	W	09
SBE 9+				S E P	10	07	15	8.6	8.5
PRESS SN								25	25
PRI TEMP SN								27	31
SEC TEMP SN								6	6
PRI COND SN								16	16
SEC COND SN								194	194
Niskin	DEPTH	Roset.	Hydro Team-PMLL				NIS	NIS	
No.	DESIRED	notes	SALT	NaCl(BT)	O2-BT(No)	CHL.	No.	NIS	
1	Bot	192		104	X 144		1	NIS	
2	175	-		105			2	NIS	
3	150	-		106			3	NIS	
4	125	-		107			4	NIS	
5	100	-		108			5	NIS	
6	75	-		109			4	NIS	
7	50	-		110			6	NIS	
8	40	-		111			6	NIS	
9	30	-		112			7	NIS	
10	20	-		113			8	NIS	
11	10	-		114			9	NIS	
12	0			115			10	NIS	

Notes:

1853
194

MAX. DEPTH = m

REMARKS

Hole in Pass Line 111-227

CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	(m)	
SBE 9*																				
PRESS SN																				
PRI TEMP SN																				
SEC TEMP SN																				
PRI COND SN																				
SEC COND SN																				
Niskin	DEPTH	ROSET.	Hydro Team-PHIL						NS		NS		NS		NS		NS		NS	
No	DESIRED	notes	SALT	Nut.Btl	02-BILNO	CHL.			No											No
1	Bottom	147			116					1										1
2	125	-			117					2										2
3	100	-			118					3										3
4	75	-			119					4										4
5	50	-			120	285				5										5
6	40	-			121	283				6										6
7	30	-			122					7										7
8	20	-			123					8										8
9	10	-			124					9										9
10	0				125	178	283			10										10
11										11										11
12										12										12

Notes:

VESSEL

R/V Weroma

CRUISE ID TN250
WE1008bPROJECT & LEG
Eco-FOCIAFSC Cruise ID
1WE10

CONSC. CAST #		LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	BOTTOM DEPTH	STA. NAME/ID	STATION NO.					
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	•	(deg)	(kts)	•	•	(m)							
20	05	42	11	47	N	166	55	.68	W	09	S	E	P	10	06	10	8.9	8.5	25	266	24	469	UBWY	196
SBE 9+										FLUOR S/N														
PRESS SN										SBE43-Oxy (prime)														
PRI TEMP SN										SBE43-Oxy (sec)														
SEC TEMP SN										Transmissometer														
PRI COND SN										PAR S/N														
SEC COND SN										O2 Temp Sensor No.														
Niskin	DEPTH	Roset		Hydro Team-PMEI																				
No.	DESIRED	NOTES		SALT		NUT.BTL		O2-BTL.No.		CHL				NIS										
1	160	457		-		126		-		127		-		1				1						
2	400	-		-		-		-		128		-		2				2						
3	300	-		-		-		-		-		-		3				3						
4	200	-		-		129		-		130		-		4				4						
5	150	-		-		-		-		-		-		5				5						
6	100	-		-		131		-		-		-		6				6						
7	50	-		-		132		285		-		7		-				7						
8	40	-		-		133		283		-		8		-				8						
9	30	-		-		134		-		-		-		9				9						
10	20	-		-		135		-		-		-		10				10						
11	10	-		-		136		-		-		-		11				11						
12	0	-		-		137		283		-		-		12				12						

Notes:

No Y^{eo}

VESSEL R/V <i>Wecoma</i>		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 197	
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. DEPTH TYPE WEATHER	BOTTOM DEPTH STA. NAME/ID
DEG	MIN	DEG	DAY MO.	HR MIN	(°C)	(mb)	(deg)	(kts)	(m)
20	154	28.32 N	166 02	34 W	69	813	9.2	24	244 15
SBE 9+					FLUOR S/N				
PRESS SN					SBE43-Oxy (prime)				
PRI TEMP SN					SBE43-Oxy (sec)				
SEC TEMP SN					Transmissometer				
PRI COND SN					PAR S/N				
SEC COND SN					O2 Temp Sensor No.				
Niskin	DEPTH	ROSET	Hydro Team +PMEL				Ns	MAX DEPTH =	
No.	DESIRED	notes	SALT	Nut. Br	O2-BTU.NO	CHL.	No.	m	
1	335		138				1		
2	400		139				2		
3	300		140				3		
4	200		141				4		
5	100		142				5		
6	75		143				6		
7	50		144		285	7			
8	40		145		283	8			
9	30		146			9			
10	20		147			10			
11	10		148			11			
12	0		149			12			

Notes:

VESSEL R/V Wecoma		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 198			
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	TIME (GMT) DAY MO YR HR MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	BOTTOM DEPTH (m)	STA. NAME/ID UBW2
SBF 9+											
PRESS S/N											
PRI TEMP S/N											
SEC TEMP S/N											
PRI COND S/N											
SEC COND S/N											
N/Skin	DEPTH DESIRED	Roset. notes	SALT	Nut. Btl	O2-Btl No	CHL.	No.	NIS No.			
1	410			150			1	1			
2	350			151			2	2			
3	300			152			3	3			
4	200			153			4	4			
5	100			154			5	5			
6	75			155			6	6			
7	50			156	285		7	7			
8	40			157	283		8	8			
9	30			158			9	9			
10	20			159			10	10			
11	10			160			11	11			
12	0			161	↓		12	12			

Notes:

UBW2

VESSEL R/V <i>Wecoma</i>		CRUISE ID TN250 WE1008b		PROJECT & LEG Eco-FOCI		AFSC Cruise ID 1WE10		STATION NO. 199				
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB ("C)	WET BULB ("C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
SBE 9+												
PRESS SN												
PRI TEMP SN												
SEC TEMP SN												
PRIN COND SN												
SEC COND SN												
Niskin	DEPTH	Roset.	Hydro Team-PMEI									
No.	DESIRED	notes	SALT	Nut. Bt	O2-Bt/No	Chl.		Nis				
1	287			162				No.				
2	250			163					1			
3	200			164						2		
4	150			165						3		
5	100			166							4	
6	75			165							5	
7	50			167							6	
8	40			168		258	7				7	
9	30			169		253	8				8	
10	20			170			9				9	
11	10			171							10	
12	0			172							11	
				173							12	

Notes:

REMARKS

MAX DEPTH =

m