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VESSEL F/V Aquila				CRUISE ID AQ1601				PROJECT & LEG				CTD FileName:				STATION NO. BFA10			
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CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)
	67	158.92	N	15320.10	W	9	Sep	16	20	30					1640 BFA10

<table style="width:100%;"> <tr> <td>☐ SBE 9+</td> <td></td> <td>☐ FLUOR S/N</td> <td></td> </tr> <tr> <td>☐ PRESS SN</td> <td></td> <td>☐ SBE43-Oxy (prime)</td> <td></td> </tr> <tr> <td>☐ PRI TEMP SN</td> <td></td> <td>☐ SBE43-Oxy (sec)</td> <td></td> </tr> <tr> <td>☐ SEC TEMP SN</td> <td></td> <td>☐ Transmissometer</td> <td></td> </tr> <tr> <td>☐ PRI COND SN</td> <td></td> <td>☐ PAR S/N</td> <td></td> </tr> <tr> <td>☐ SEC COND SN</td> <td></td> <td>☐ O2 Tmp Sensor No.</td> <td></td> </tr> </table> Instrument Notes:	☐ 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.		WEATHER OBS: _____ SFC/Bottom Temp. _____ MAX. DEPTH = 200 m REMARKS: 7 cracked 12 cracked? Recorder Initials: _____
☐ 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 No.	DEPTH	Rosette Notes	Hydro Team-PMEL				Chloro <i>Sample #</i>				POC	Comments	Nis No.
			SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol			
1	200			34	212								1
2	150			35	069								2
3	100			36									3
4	75			37									4
5	50			38	088			26					5
6	40			39				27					6
7	30			40				28					7
8	20			41				29					8
9	10			42				30					9
10													10
11													11
12	0			43	088			31					12
1		Inline											1

Not clipped through loop
Spigot flows when top vent closed
Spigot flows to tank top vent closed

[illegible]

VESSEL F/V Aquila				CRUISE ID AQ1601				PROJECT & LEG				CTD FileName:				STATION NO. 13FAD8			
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID					
		DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)			
		87	148.82	N	15336.97	W	9	SEP	1	6	2340					1169 13FAD8			
SBE 9+		FLUOR S/N		WEATHER OBS: REMARKS: SFC/Bottom Temp. MAX. DEPTH = 163 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		O2 Tmp Senson No.																	
Instrument Notes:																			
Recorder Initials:																			

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL				Chloro				POC 500 ml	Comments	Nis No.	
			SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol				
1	101			54	091									1
2	100			55										2
3	75			56										3
4	50			37			281	38						4
5	40			58			288	39						5
6	30			59			285	40						6
7	20			60			281	41						7
8	10			61			283	42						8
9	0		271	62			283	43						9
10														10
11														11
12														12
1		Inline												1

281 288 285 281 283 283 | 38

VESSEL F/V Aquila				CRUISE ID AQ1601				PROJECT & LEG				CTD FileName:				STATION NO. BFA07			
CONSC CAST #		LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID			
		DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)			
		97	142.72	N	15346.80	W	10	SEP	1	6	00	55				51			
																BFA07			
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.															
Instrument Notes: WEATHER OBS: _____ SFC/Bottom Temp. _____ MAX. DEPTH = 46 m REMARKS:																			
Recorder Initials: _____																			

Nis No.	DEPTH	Rosette Notes	Hydro Team-PMEL				Chloro				POC 500 ml	Comments	Nis No.
			SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol			
1	46			63			281	44					1
2	40			64			288	45					2
3	30			65			285	46					3
4	20			66			281	47					4
5	10			67			283	48					5
6	0			68	102		283	49					6
7													7
8													8
9													9
10													10
11													11
12													12
1		Inline											1

102

44

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VESSEL F/V Aquila				CRUISE ID AQ1601				PROJECT & LEG				CTD FileName:				STATION NO. 13FA05																	
CONSC CAST #		LATITUDE				LONGITUDE				TIME (GMT)		DRY BULB		RH		Pressure		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID									
		DEG		MIN		DEG		MIN		DAY		MO		YR		HR		MIN		°C		%		(mb)		(deg)		(kts)		(m)			
		1171		30.37		N		15406.71		W		10		SEP		1		6		0413													
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.																											
Instrument Notes:																																	
WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 41 m																																	
REMARKS:																																	
Recorder Initials:																																	
Nis DEPTH Rosette Notes Hydro Team-PMEL Chloro POC Comments Nis																																	
No. DESIRED SALT Nut.Btl O2-Btl.No DIC/Alk GFF Vol >10 Large Vol GFF Dup Vol >10 dup vol 500 ml																																	
1 40 272 74 300 288 55 1																																	
2 30 75 285 56 2																																	
3 20 76 281 57 3																																	
4 10 77 283 58 4																																	
5 0 78 283 59 5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	
1 inline																																	

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VESSEL	F/V Aquila	CRUISE ID	AQ1601	PROJECT & LEG		CTD FileName:		STATION NO.	Bc09				
CONSC CAST #	LATITUDE	LONGITUDE		TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID		
	DEG MIN	DEG MIN DAY MO YR	HR MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)				
	1671 34.79 N	15750.49 W	10502 16 1923	.						64	Bc09		
SBE 9+		FLUOR S/N		WEATHER OBS:								SFC/Bottom Temp.	MAX. DEPTH = 59 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		O2 Tmp Sensor No.											
Instrument Notes:				REMARKS: In ice chunks dsat big hole m 1' o ^a bunkies on upcast								Recorder Initials:	
Nis	DEPTH	Rosette Notes	Hydro Team-PMEL	Chloro	POC	Comments						Nis	
No.	DESIRED		SALT Nut.Btl O2-Btl.No DIC/Aik	GFF Vol >10 Large Vol GFF Dup Vol >10 dup vol	500 ml							No.	
1	59		90	287 71								1	
2	50		91	288 72								2	
3	40		92	285 73								3	
4	30		93	281 74								4	
5	20		94	283 75								5	
6	10		95	283 76								6	
7	0		96									7	
8												8	
9												9	
10												10	
11												11	
12												12	
I	Inline												

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VESSEL F/V Aquila				CRUISE ID AQ1601				PROJECT & LEG				CTD FileName:				STATION NO. ML306															
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB		RH		Pressure		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID											
DEG		MIN		DEG		MIN		DAY		MO		YR		HR		MIN		°C		%		(mb)		(deg)		(kts)		(m)			
2671		06.47 N		16214.90 W		12 Sep		16		2005																		45			
SBE 9+				FLUOR S/N				WEATHER OBS:																SFC/Bottom Temp.				MAX. DEPTH = 41 m			
PRESS SN				SBE43-Oxy (prime)				REMARKS:																							
PRI TEMP SN				SBE43-Oxy (sec)																											
SEC TEMP SN				Transmissometer																											
PRI COND SN				PAR S/N																											
SEC COND SN				O2 Tmp Sensor No.																											
Instrument Notes:																				Recorder Initials:											
Nis		DEPTH		Rosette Notes		Hydro Team-PMEL				Chloro				POC		Comments				Nis											
No.		DESIRED				SALT		Nut.Btl		O2-Btl.No		DIC/Alk		GFF Vol		>10 Large Vol		GFF Dup Vol		>10 dup vol		500 ml						No.			
1		147						147						288		124												1			
2														285		125												2			
3		30						148						286		126												3			
4														287		127												4			
5		20						149						288		128												5			
6														289		129												6			
7		10						150						290		130												7			
8														291		131												8			
9		0						151		347				292		132												9			
10														293		133												10			
11														294		134												11			
12														295		135												12			
1														296		136												1			

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VESSEL F/V Aquila						CRUISE ID AQ1601						PROJECT & LEG						CTD FileName:						STATION NO. ML3.0P					
CONSC CAST #		LATITUDE				LONGITUDE							TIME (GMT)		DRY BULB		RH		Pressure		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID		
		DEG		MIN		DEG		MIN		DAY		MO	YR	HR	MIN	(°C)		(%)		(mb)		(deg)		(kts)		(m)			
2871		21		99 N		16		258 W		13		50	P1	6	01	30									44				
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.																							
Instrument Notes:																													
WEATHER OBS: _____ SFC/Bottom Temp. _____ MAX. DEPTH = 39 m																													
REMARKS: _____																													
Recorder Initials: _____																													
Nis	DEPTH	Rosette Notes				Hydro Team-PMEL				Chloro				POC						Comments				Nis					
No.	DESIRED					SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml									No.						
1	39	277				157				288	134												1						
2																							2						
3	30					158				285	135												3						
4																							4						
5	20					159				281	136												5						
6																							6						
7	10					160				283	137												7						
8																							8						
9	0					161	(357)			283	138												9						
10																							10						
11																							11						
12																							12						
1		Inline																					1						

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VESSEL	F/V Aquila	CRUISE ID	AQ1601	PROJECT & LEG		CTD FileName:		STATION NO.	I C O B		
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID	
DEG	MIN	DEG MIN DAY MO YR HR MIN °C (%) (mb) (deg) (kts) (m)									
3871	27.56 N	16456.98 W	14 Sep 16 0627	.					40		
SBE 9+		FLUOR S/N		WEATHER OBS:						SFC/Bottom Temp.	MAX. DEPTH = 40 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		O2 Tmp Sensor No.									
Instrument Notes:											
REMARKS: <i>Right to the bottom</i>											
Recorder Initials:											
Nis	DEPTH	Rosette Notes	Hydro Team-PMEL	Chloro	POC	Comments				Nis	
No.	DESIRED	SALT	Nut.Btl O2-Btl.No DIC/Alk	GFF Vol >10 Large Vol GFF Dup Vol >10 dup vol	500 ml.					No.	
1	40	279	202(222)	288 179						1	
2										2	
3	30		203	285 180						3	
4										4	
5	20		204	281 181						5	
6										6	
7	10		205	283 182						7	
8										8	
9	0		206	283 183						9	
10										10	
11										11	
12										12	
1	Inline									1	

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VESSEL F/V Aquila				CRUISE ID AQ1601				PROJECT & LEG				CTD FileName:				STATION NO. T.605			
CONSC CAST #		LATITUDE				LONGITUDE				TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID	
		DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
		43	71	05	99	N	16	35	3	79	W	15	Sep	1	6	18	12		
												WEATHER OBS:				SFC/Bottom Temp.		MAX. DEPTH = m	
												REMARKS: 10 ~ 1 m off bottom							
		Instrument Notes:										Recorder Initials:							
Nis	DEPTH	Rosette Notes				Hydro Team-PMEL				Chloro				POC	Comments				Nis
No.	DESIRED					SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml					No.
1	41						227	147		288	204								1
2																			2
3	30						228			285	205								3
4																			4
5	20						229			281	206								5
6																			6
7	10						230			283	207								7
8																			8
9	0						231			283	208								9
10																			10
11																			11
12																			12
1		Inline																	1

[illegible]

VESSEL F/V Aquila				CRUISE ID AQ1601				PROJECT & LEG				CTD FileName:				STATION NO. IC03									
CONSC CAST #		LATITUDE				LONGITUDE				TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID							
		DEG	MIN			DEG	MIN			DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)					
		45	70	50.10	N	16	30	7.76	W	15	Sep	16	23	50							43				
SBE 9+						FLUOR S/N				WEATHER OBS:										SFC/Bottom Temp.		MAX. DEPTH =		m	
PRESS SN						SBE43-Oxy (prime)				41 m off bottom REMARKS: CKP1A Recovery / deployment ARGOS 136872 70 50.844 bridge Hrs 163 11.186 70 50.84 ~2 min 18 Sep 0046 163 11.34 earlier															
PRI TEMP SN						SBE43-Oxy (sec)																			
SEC TEMP SN						Transmissometer																			
PRI COND SN						PAR S/N																			
SEC COND SN						O2 Temp Sensor No.																			
Instrument Notes:																				Recorder Initials:					

Nis No.	DEPTH	Rosette Notes	Hydro Team-PMEL				Chloro				POC 500 ml	Comments	Nis No.
			SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol			
1	43			237	212		288	214					1
2													2
3	30			238			285	215					3
4													4
5	20			239			281	216					5
6													6
7	10			240			283	217					7
8													8
9	0			241			283	218					9
10													10
11													11
12													12
1		Inline											1

70 50.84
 163 11.34
 42 m

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VESSEL F/V Aquila						CRUISE ID AQ1601						PROJECT & LEG						CTD FileName:						STATION NO. <i>Ckco.5</i>					
CONSC CAST #		LATITUDE				LONGITUDE						TIME (GMT)		DRY BULB		RH		Pressure		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID			
		DEG		MIN		DEG		MIN		DAY MO YR		HR MIN		(°C)		(%)		(mb)		(deg)		(kts)		(m)					
		497009.03		N		16247.73		W		16 Sep 16		1654												16					
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.																							
Instrument Notes:																													
Recorder Initials:																													
Nis	DEPTH	Rosette Notes				Hydro Team-PMEL				Chloro				POC						Comments				Nis					
No.	DESIRED					SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml									No.						
1	12						255				232												1						
2																							2						
3	6						256	102			233												3						
4																							4						
5							257	102															5						
6																							6						
7																							7						
8																							8						
9																							9						
10																							10						
11																							11						
12																							12						
1		Inline																					1						

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VESSEL F/V Aquila						CRUISE ID AQ1601						PROJECT & LEG						CTD FileName:						STATION NO. Ckcd2																	
CONSC CAST #		LATITUDE				LONGITUDE								TIME (GMT)		DRY BULB		RH		Pressure		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID													
		DEG		MIN		DEG		MIN		DAY		MO		YR		HR		MIN		(°C)		(%)		(mb)		(deg)		(kts)		(m)											
		527032.76		N		16412.46		W		17		50		01		600		23												42											
SBE 9+ _____						FLUOR S/N _____						WEATHER OBS: _____ SFC/Bottom Temp. _____ MAX. DEPTH = _____ REMARKS: _____ _____ _____ _____Recorder Initials: _____																													
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. _____																																			
Instrument Notes: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____																																									
Nis	DEPTH	Rosette Notes	Hydro Team-PMEL				Chloro				POC					Comments				Nis																					
No.	DESIRED		SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml									No.																					
1	40			264	303		288	241												1																					
2																				2																					
3	30			265			285	242												3																					
4																				4																					
5	20			266			281	243												5																					
6																				6																					
7	10			267			283	244												7																					
8																				8																					
9	0			268			283	245												9																					
10																				10																					
11																				11																					
12																				12																					
1		Inline																		1																					

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VESSEL F/V Aquila				CRUISE ID AQ1601				PROJECT & LEG				CTD FileName:				STATION NO. P1402			
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CONSC CAST #	LATITUDE			LONGITUDE			TIME (GMT)			DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)

5968 14.70 N 16706.92 W 21 Sep 16 0128

☐ SBE 9+ ☐ PRESS SN ☐ PRI TEMP SN ☐ SEC TEMP SN ☐ PRI COND SN ☐ SEC COND SN	☐ FLUOR S/N ☐ SBE43-Oxy (prime) ☐ SBE43-Oxy (sec) ☐ Transmissometer ☐ PAR S/N ☐ O2 Tmp Sensor No.	WEATHER OBS: SFC/Bottom Temp. REMARKS:
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MAX. DEPTH = **38** m

Recorder Initials:

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL				Chloro				POC 500 ml	Comments	Nis No.
			SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol			
1	38			296	244		288	273					1
2													2
3	30			297			285	274					3
4													4
5	20			298			281	275					5
6													6
7	10			299			283	276					7
8													8
9	0			300	(252)		283	277					9
10													10
11													11
12													12
1		Inline											1

Possibly protozoa bottom canyon and loose

[illegible]

[illegible]

VESSEL F/V Aquila						CRUISE ID AQ1601						PROJECT & LEG						CTD FileName:						STATION NO. PH05					
CONSC CAST #		LATITUDE				LONGITUDE							TIME (GMT)		DRY BULB		RH /		Pressure		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID		
		DEG		MIN		DEG		MIN		DAY		MO	YR	HR	MIN	(°C)		(%)		(mb)		(deg)		(kts)		(m)			
		6268		00.27 N		16752.33 W		21 Sep		16	0540															51			
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.																							
Instrument Notes:																													
WEATHER OBS: _____ SFC/Bottom Temp. _____ MAX. DEPTH = _____ m																													
REMARKS: _____ _____ _____ _____																													
Recorder Initials: _____																													
Nis	DEPTH	Rosette Notes				Hydro Team-PMEL				Chloro				POC						Comments				Nis					
No.	DESIRED					SALT	Nut.Btl	O2-Btl.No	DIC/Aik	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml									No.						
1	47						311			281	288												1						
2																							2						
3	40						312			288	289												3						
4																							4						
5	30						313			285	290												5						
6																							6						
7	20						314			281	291												7						
8																							8						
9	10						315	X		283	292												9						
10																							10						
11																							11						
12	0						316	132		283	293												12						
1		Inline																					1						

VESSEL F/V Aquila						CRUISE ID AQ1601							PROJECT & LEG								CTD FileName:									STATION NO. P1706														
CONSC CAST #			LATITUDE					LONGITUDE									TIME (GMT)		DRY BULB		RH		Pressure		WIND DIRN.		WIND SPD.		BOTTOM DEPTH			STA. NAME/ID												
			DEG		MIN			DEG		MIN			DAY		MO		YR		HR		MIN		(°C)		(%)		(mb)		(deg)		(kts)		(m)											
			63		67			54		72 N			16		08 W			21 Sep		1		6		07		13								57										
SBE 9+ _____ PRESS SN _____ PRI TEMP SN _____ SEC TEMP SN _____ PRI COND SN _____ SEC COND SN _____										FLUOR S/N _____ SBE43-Oxy (prime) _____ SBE43-Oxy (sec) _____ Transmissometer _____ PAR S/N _____ O2 Tmp Sensor No. _____										WEATHER OBS: REMARKS: Deploy 16KK P12A 																								
Instrument Notes:																																			Recorder Initials:									
Nis	DEPTH		Rosette Notes				Hydro Team-PMEL						Chloro								POC										Comments				Nis									
No.	DESIRED						SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml													No.																
1	54						286	317	(0780)		281	294																1																
2																												2																
3	40							318			286	295																3																
4																												4																
5	30							319			285	296																5																
6																												6																
7	20							320			281	297																7																
8																												8																
9	10							321			283	298																9																
10																												10																
11																												11																
12	0							322			283	299																12																
I			Inline																									I																

[illegible]

VESSEL F/V Aquila						CRUISE ID AQ1601							PROJECT & LEG								CTD FileName:									STATION NO. <i>Pt08</i>					
CONSC CAST #		LATITUDE				LONGITUDE							TIME (GMT)		DRY BULB		RH		Pressure		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID								
		DEG		MIN		DEG		MIN		DAY		MO		YR		HR		MIN		(°C)		(%)		(mb)		(deg)		(kts)		(m)					
		<i>65</i>		<i>67</i>		<i>39</i>		<i>.76 N</i>		<i>168</i>		<i>55</i>		<i>.91 W</i>		<i>21</i>		<i>Sep</i>		<i>16</i>		<i>1225</i>								<i>5</i>					
SBE 9+						FLUOR S/N						WEATHER OBS:															SFC/Bottom Temp.				MAX. DEPTH =				
PRESS SN						SBE43-Oxy (prime)						REMARKS: <i>SW end of Pt Hope Line</i>															<i>50</i>								
PRI TEMP SN						SBE43-Oxy (sec)																													
SEC TEMP SN						Transmissometer																													
PRI COND SN						PAR S/N																													
SEC COND SN						O2 Tmp Sensor No.																													
Instrument Notes: 																												Recorder Initials:							
Nis	DEPTH	Rosette Notes				Hydro Team-PMEL						Chloro						POC		Comments						Nis									
No.	DESIRED					SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml							No.														
1	<i>45</i>	<i>(287)</i>				<i>329</i>				<i>281</i>	<i>306</i>										1														
2																					2														
3	<i>40</i>					<i>330</i>				<i>288</i>	<i>307</i>										3														
4																					4														
5	<i>30</i>					<i>331</i>				<i>285</i>	<i>308</i>										5														
6																					6														
7	<i>20</i>					<i>332</i>				<i>281</i>	<i>309</i>										7														
8																					8														
9	<i>10</i>					<i>333</i>				<i>283</i>	<i>310</i>										9														
10																					10														
11																					11														
12	<i>0</i>					<i>334</i>	<i>(350)</i>			<i>283</i>	<i>311</i>										12														
1																					1														
Inline																																			

[illegible]

195m 59.54.34 171.44.17

[illegible]

[illegible]

BS4A 9/27 21:18 57 53.74 168 52.68 174m

BS4A 09/27 21:53 57 53.48 168 52.26

VESSEL F/V Aquila				CRUISE ID AQ1601				PROJECT & LEG				CTD FileName:				STATION NO. BS4					
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB		RH		Pressure		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID	
		DEG MIN		DEG MIN		DAY MO YR		HR MIN		°C		%		(mb)		(deg) (kts)		(m)			
		69 57 53 . 70 N		168 52 . 87 W		27 50 16		23 28										69			
☐ SBE 9+ ☐ PRESS SN ☐ PRI TEMP SN ☐ SEC TEMP SN ☐ PRI COND SN ☐ SEC COND SN				☐ FLUOR S/N ☐ SBE43-Oxy (prime) ☐ SBE43-Oxy (sec) ☐ Transmissometer ☐ PAR S/N ☐ O2 Tmp Sensor No.				WEATHER OBS: _____ SFC/Bottom Temp. _____ MAX. DEPTH = _____ m REMARKS: Recover/Deploy BS4 moorings Recorder Initials: _____													

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL				Chloro 324				POC 500 ml	Comments	Nis No.
			SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol			
1	66		290	349	219								1
2	50			350			281	324					2
3	40			351			288	325					3
4	—			—									4
5	30			352			285	326					5
6	20			353			281	327					6
7	10			354			283	328					7
8	0			355			283	329					8
9													9
10													10
11													11
12													12
1		Inline											1

15DN

Lanyard undeployed on 2000-very

[illegible]

VESSEL F/V Aquila				CRUISE ID AQ1601				PROJECT & LEG				CTD FileName:				STATION NO.			
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CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)
	71	56	52.16	N	16	40	3.09	W	29	Sep	16	04	18		70

☐ SBE 9+ ☐ PRESS SN ☐ PRI TEMP SN ☐ SEC TEMP SN ☐ PRI COND SN ☐ SEC COND SN	☐ FLUOR S/N ☐ SBE43-Oxy (prime) ☐ SBE43-Oxy (sec) ☐ Transmissometer ☐ PAR S/N ☐ O2 Tmp Senson No.	WEATHER OBS: _____ SFC/Bottom Temp. _____ MAX. DEPTH = _____ m REMARKS: Recover/Deploy 16 BSP2A 16 BSMZA 16 BSP2B 16 BS2C oops - forgot to click 1012 - See Chd 071 swef for bottle 12
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Instrument Notes:

UAF UAF

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL				Chloro				POC 500 ml	Comments	Nis No.
			SALT	Nut.Btl	O2-Btl No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol			
1	67		291	363	47	XXX							1
2	67				47								2
3	50			364			281	336					3
4	—												4
5	40			365			288	337					5
6	30			366			285	338					6
7	20			367			281	339					7
8	10			368			283	340					8
9	0			369		XXX	283	341					9
10	—												10
11	—												11
12	0				111								12
					112								
					114								
1		inline										not tripped CTD put back in to trip it	1

[illegible]