

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.								
Aquila		AQ2301				ct5001		st 1 H1								
CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DAY	MO	YR	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
00157	43.53	152.17	373 W	15	AUG	23	21	55							15422CB01	
WEATHER OBS: SFC/Bottom Temp. Bot = 7.5 MAX DEPTH = 148 m REMARKS:																
Bot Temp ~7.5°C Must have Drifted - Bottom Depth changed lots																
Recorder Initials: RM																

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL			Chloro	POC			Comments	Nis No.		
			SALT	Nut. Btl	O2-Btl No		DIC/Alk	GFF Vol	>10 Large Vol			GFF Dup Vol	>10 dup vol
1	143 Bot	-	214	1	12							1	Messed up Oxy CATHS DON'T RUN OXY
2	143 Bot	-										2	
3	148	-										3	
4	148	-										4	
5	100	-		2								5	
6	75	-		3								6	
7	50	-		4								7	
8	40	-		5								8	
9	30	-		6								9	
10	20	-		7								10	
11	10	-		8								11	
12	0	-		9								12	
1		Inline										1	

DATA
bottle missing - no sample collected

[illegible]

[illegible]

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VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.							
CONC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID	
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)
0095651.432	N	16402.939	W	27	AUG	23	21	26							70MA
WEATHER OBS: SFC/Bottom Temp. 3.4 Bot MAX DEPTH = 666 m															
REMARKS:															
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															
Recorder Initials:															
Nis															
No.															
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
1															

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VESSEL Aquila		CRUISE ID AQ0301		PROJECT & LEG		CTD FileName: ctd012		STATION NO. ST15 141	
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CONSC CAST #	LATITUDE			LONGITUDE			TIME (GMT) HR MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	SEC	DEG	MIN	SEC								
0125715.864	16	54	4	16	54	4	0111	.					68	70M8
<div style="display: flex; justify-content: space-between;"> <div> WEATHER OBS: SFC/Bottom Temp. 3.45°C MAX. DEPTH = 64 m </div> <div> REMARKS: Bottom </div> </div>														

NIS No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL			Chloro GFF Vol	GFF Dup Vol		POC 500 ml	Comments	NIS No
			SALT	Nut. Btl	O2-Btl No		DIC/Aik	>10 Large Vol			
1	BOT	✓									1
2	BOT	✓		60		281					2
3	50	✓		61							3
4	40	✓		62		282					4
5	30	✓		63		285					5
6	20	✓		64		281					6
7	10	✓	~ Chl Max								7
8	10	✓		65		283					8
9	0	✓		66		283					9
10	0	✓									10
11	0	✓			37						11
12											12
1		Inline									1

Recorder Initials:

[illegible]

[illegible]

[illegible]

[illegible]

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VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.							
CONC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND		WIND		WIND		STA. NAME/ID	
		DEG MIN		DEG MIN		HR MIN		DRY BULB		RH		Pressure		BOTTOM DEPTH	
02059		53.99		171.15		02.14								71 M5 E	
SBE 9+														MAX DEPTH = 606 m	
PRESS SN															
PRI TEMP SN															
SEC TEMP SN															
PRI COND SN															
SEC COND SN															
REMARKS:														Recorder Initials:	
EAST BOX STATION M5															
WEATHER OBS:															
SFC/BOTTOM Temp.															
POC															
500 ml															
GFF Dup Vol > 10 dup vol															
GFF Vol															
Chloro															
GFF Vol															
Hydro Team-PMEL															
Nut. Btl															
O2-Btl No															
DIC/Alk															
SALT															
Rosette Notes															
DEPTH															
DESIRED															
1 BOT														1	
2 BOT														2	
3 50														3	
4 40														4	
5 30														5	
6 20														6	
7 10														7	
8 10														8	
9 0														9	
10 0														10	
11 0														11	
12														12	
1														1	

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN. (deg)	
		DEG MIN		DEG MIN		HR MIN		WIND SPD. (kts)	
0215942.142		17129.81931		17129.81931		0413		73M55	
SBE 9+		FLUOR S/N		DAY MO YR		SFC/Bottom Temp.		MAX DEPTH = 68 m	
PRESS SN		SBE43-Oxy (prime)				-0.4°C		8.49°C SURFACE	
PRI TEMP SN		SBE43-Oxy (sec)						SOUTH MS BOX STATION	
SEC TEMP SN		Transmissometer							
PRI COND SN		PAR S/N							
SEC COND SN		O2 Temp Sensor No							
REMARKS:									
WEATHER OBS:									
Recorder Initials:									
DEPTH		Rosette Notes		Hydro Team-PMEL		Chloro		POC	
DESIRED		SALT		Nut. Btl		GFF Vol		500 ml	
1 B07				123		781			
2 B07				124		782			
3 50				125		785			
4 40				126		781			
5 30				127		283			
6 20				128		283			
7 20				129		284			
8 10									
9 0									
10 0									
11 0									
12									
1		Inline							

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VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.	
		AQ2307				Ctd023		26 1	

CONSC CAST #	LATITUDE			LONGITUDE			TIME (GMT)	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	SEC	DEG	MIN	SEC								
02360	04	25	N	12	00	05	09	18						62M5N
SBE 9+	FLUOR S/N			DAY			MO			YR			WEATHER OBS:	
PRESS SN	SBE43-Oxy (prime)			DAY			MO			YR			REMARKS:	
PRI TEMP SN	SBE43-Oxy (sec)			DAY			MO			YR			-1.12°C Bottom	
SEC TEMP SN	Transmissometer			DAY			MO			YR			7.49°C Top	
PRI COND SN	PAR S/N			DAY			MO			YR				
SEC COND SN	O2 Tmp Sensor No			DAY			MO			YR				

DEPTH		Rosette Notes		Hydro Team-PMEL		Chloro		POC		Comments		Nis No.
DESIRED		SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	GFF Dup Vol	>10 dup vol	500 ml			
Bot	✓											1
Bot	✓		137									2
50	✓		138			281						3
40	✓		139			282						4
30	✓		140			285						5
20	✓		141			281						6
20	✓											7
10	✓		142			283						8
0	✓		143			283						9
0	✓			294								10
0	✓											11
												12
												1

Recorder Initials:

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.	
								S28 H1	

CONSC. CAST #	LATITUDE			LONGITUDE			TIME (GMT)	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	SEC	DEG	MIN	SEC								
02564	02	12	18	107	55	16	30	18					37	M14
WEATHER OBS: _____ SFC/BOTTOM Temp. _____ MAX. DEPTH = 32 m REMARKS: 6.29 SWFT, BOT = 6.29 CAST AFTER MOONINGS "1" IN INTEREST OF DAYLIGHT FOR RECONSIDERS														

NIS No.	DEPTH DESIRED	ROSETTE NOTES	HYDRO TEAM-PMEL			CHLORO	POC			COMMENTS	NIS No.
			SALT	Nut. Btl	O2-Btl No		DIC/Alk	GFF Vol	GFF Dup Vol		
1	BOT	✓		144		285					1
2	BOT	✓			312						2
3	20	✓		145		281					3
4	20	✓									4
5	10	✓				283					5
6	10	✓		146							6
7	0	✓		147							7
8	0	✓				283					8
9	0	✓									9
10											10
11											11
12											12
1		inline									1

Recorder Initials: _____

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	SEC
02660	54.408	173	49.934	03	SEP	23	21	43	
SBE 9+		FLUOR S/N		SFC/Bottom Temp.		MAX DEPTH =		73 m	
PRESS SN		SBE43-Oxy (prime)		REMARKS:		6.90 SURFACE			
PRI TEMP SN		SBE43-Oxy (sec)		LARGE SWELL		-0.038 BOTTOM			
SEC TEMP SN		Transmissometer							
PRI COND SN		PAR S/N							
SEC COND SN		O2 Tmp Sensor No							
WEATHER OBS:									
Recorder Initials:									

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VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.													
CONC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN, SPD, (kts)		WIND DIRN, SPD, (kts)		PRESSURE (mb)		RH (%)		DRY BULB (°C)		SFC/Bottom Temp.		MAX DEPTH =	
DEG		MIN		DEG		MIN		DAY		MO		YR		HR		MIN		SFC/Bottom Temp.		MAX DEPTH =	
031		5954.88		17141.52		704549		23		15		59								6970m	
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																	
REMARKS:																					
-0.4°C Bottom																					
Recorder Initials:																					

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VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.							
CONC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID	
DEG		MIN		DEG		MIN		HR		(kts)		(m)			
03758		17.017		71005.498		0532P		231915				71170W		06	
SBE 9+				FLUOR S/N										MAX. DEPTH = 64 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											
WEATHER OBS:															
REMARKS:															
Recorder Initials:															

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