44

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		PH8

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
001	67	41.39 N	168	56.37 W	23	Aug	13	21	30	.	.									49.4	PH8

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		chukchi2013 ctd001.hex
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = 46 m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	BOT						657	1	283			
2	40							2	285			
3	30							3	289			
4	20							4	283			
5	10							5	279			
6	0							6	283			
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		PH 7

CONS CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	MO	YR	TIME (GMT) HR	MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
002	67	47.17	N	168	35.61	W	23	Aug	13	2254		.	.									46	

SBE 911+	TIMES	JD/TIME	DATA LOCATION	REMARKS
PRESS SN	DATA ON		File Name/Header	
PRI TEMP SN	START DOWN			
SEC TEMP SN	AT DEPTH			☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE			MAX. DEPTH = 46 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen	☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	Sample bottle number					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	40							7	283			
2	40							8	285			
3	30							9	289			
4	20							10	283			
5	10							11	279			
6	0							12	283			
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		PH6

CONS CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	MO	YR	TIME (GMT) HR	MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
003	67	54.01	N	168	13.8	W	24	Aug	13	0024		.	.									55	PH6

SBE 911+	TIMES	JD/TIME	DATA LOCATION	REMARKS
PRESS SN	DATA ON		File Name/Header	
PRI TEMP SN	START DOWN			
SEC TEMP SN	AT DEPTH			☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE			MAX. DEPTH = 53.3 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen	☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	Sample bottle number					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	53.3						283	13				
2	40						285	14				
3	30						289	15				
4	20						283	16				
5	10						279	17				
6	0						283	18				
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		

CONS CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
004	68	00.64	N	167	51.77	W	24	Aug	13	04	33	.	.									53	PH5

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION** File Name/Header
PRESS SN	DATA ON		
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

REMARKS

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	48							19	283			
2	40							20	285			
3	30							21	289			
4	20							22	283			
5	10							23	279			
6	0						658	24	283	78		
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		PH4

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
005	68	07.67N	167	30.65W	24	Aug	13	0617		.	.									49	PH4

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen

REMARKS

☐ **Cleaned air bleed valve**

MAX. DEPTH = 46 m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	45							25	283			
2	40							26	285			
3	30							27	289			
4	20							28	283			
5	10							29	279			
6	0							30	283			
7												
8												
9												
10												
11												
12												

Rosette frame bent on recovery. Hit side of ship. Several instruments dislodged.

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila 2013		AQ 13-01		PT HOPE 3

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
006	68	11.64 N	167	18.26 W	236	Aug	13	0752		.	.									47	

GMT

SBE 911+	TIMES	JD/TIME	DATA LOCATION	REMARKS
PRESS SN	DATA ON		File Name/Header	
PRI TEMP SN	START DOWN		CTD006	
SEC TEMP SN	AT DEPTH			☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE			MAX. DEPTH = 42 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen	☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	Sample bottle number					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	42						659	31	285			
2	30							32	289			
3	20							33	283			
4	10							34	279			
5	0							35	283			
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 1 3 - 0 1		

CONS CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	MO	YR	TIME (GMT) HR	MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
007	69	14.54	N	167	06.98	W	24	Aug	13	0841		.	.									43	PH2

SBE 911+	TIMES	JD/TIME	DATA LOCATION	REMARKS
PRESS SN	DATA ON		File Name/Header	
PRI TEMP SN	START DOWN			
SEC TEMP SN	AT DEPTH			☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE			MAX. DEPTH = 38 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen	☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	Sample bottle number					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	38							36	285	142		
2	30							37	289			
3	20							38	283			
4	10							39	279			
5	0							40	283			
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		PH 1

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
008	68	18.48 N	166	55.65 W	24	Aug	13	0937												34	PH1

SBE 911+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 30 m
SEC COND SN	☐ PAR S/N __	☐ FLUOR S/N _ ☐ Oxygen	☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	30							41	289			
2	20							42	283			
3	10							43	279			
4	0							44	283			
5												
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		Site 2A 13CKP-2A

CONS CAST #	LATITUDE		LONGITUDE		DATE JD=			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	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
009	71	13.34 N	164	15.89 W	27	Aug	13	06	17	.	.										

SBE 911+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	CTD Died on upcast
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1							660			209		
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		13CKP-7A

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
010	72	25.60 N	161	38.16 W	29	Aug	13	03	36	.	.									45	

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION** File Name/Header
PRESS SN	DATA ON		
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

REMARKS

Post Deployment system test

☐ **Cleaned air bleed valve**

MAX. DEPTH = m

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	40						660			209		
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		Hs5

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
011	72	51.87 N	160	27.96 W	29	Aug	13	14	12	.	.									62	

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION** File Name/Header
PRESS SN	DATA ON		
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N __	☐ FLUOR S/N __	☐ Oxygen

REMARKS

changed offset of Pressure meter to -3m

☐ **Cleaned air bleed valve**

MAX. DEPTH = 57 m

☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	57							45	283			
2	40							46	285			
3	30	→ Didn't trip						47	~~289~~			
4	20							48	283			
5	10							49	279			
6	0							50	283			
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		HS 04

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
012	72	44.15 N	160	43.18 W	29	Aug	13	17	14	.	.									53	

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen

REMARKS

☐ **Cleaned air bleed valve**

MAX. DEPTH = 50 m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	50							51	283			
2	40							52	285			
3	30							53	289			
4	20							54	283			
5	10							55	279			
6	0							56	283			
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 1 3 - 0 1		AS3

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
013	72	35.12 N	161	69.10 W	29	Aug	13	19	62	.	.									48	HS3

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen

REMARKS

☐ **Cleaned air bleed valve**

MAX. DEPTH = 43 m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	43							57	285			
2	30							58	289			
3	20							59	283			
4	10							60	279			
5	0						661	61	283	235		
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		HS2

CONS CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	MO	YR	TIME (GMT) HR	MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
014	72	24.97	N	161	31.04	W	29	Aug	13	2235		.	.									42	

SBE 911+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON			File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 38 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen		☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	Sample bottle number					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	38							62	285			
2	30							63	289			
3	20							64	283			
4	10							65	279			
5	0							66	283			
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 1 3 - 0 1		HS1

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
015	72	13.87 N	162	13.53 W	30	Aug	13	01	39	.	.									33	HS1

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen

REMARKS

☐ **Cleaned air bleed valve**

MAX. DEPTH = 31 m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	31							67	289			
2	20							68	283			
3	10							69	279			
4	6							70	293			
5												
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		WT 10

CONS CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	MO	YR	TIME (GMT) HR	MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
016	72	02.88	N	162	27.11	W		Aug	13	03	54	.	.										WT 10

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION** File Name/Header
PRESS SN	DATA ON		**REMARKS**
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 28 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	28						662	71	289	108		
2	20							72	293			
3	10							73	274			
4	0							74	283			
5												
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		WT 9

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
017	71	55.60 N	162	11.10 W	30	Aug	13	05	07	.	.									37	WT 9

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen

REMARKS

☐ **Cleaned air bleed valve**

MAX. DEPTH = 32 m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	32							75	289			
2	20							76	283			
3	10							77	279			
4	0							78	283			
5												
6												
7												
8												
9												
10												
11												
12												

repeat of last station as we pick the line back up:

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		WT 9

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
018	71	55.05 N	162	10.92 W	30	Aug	13	1258												37	WT 9

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION** File Name/Header
PRESS SN	DATA ON		**REMARKS** No bottles
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 32 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY,	Salinity	Sal	Nutr	Chl	O2	O2-T	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		WT-8

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
019	71	45.69 N	161	49.27 W	30	Aug	13	14	33	.	.									42	WT8

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION** File Name/Header
PRESS SN	DATA ON		**REMARKS**
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = 39 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	Sample bottle number					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	39							79	285			
2	30							80	289			
3	20							81	283			
4	10							82	279			
5	0						663	83	283	086		
6												
7												
8												
9												
10												
11												
12												

Location of CK-6A moorings for cal.

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		WT-7

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
020	71	38.18 N	161	32.81 W	30	Aug	13	16	58											45	WT7

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen

REMARKS

☐ **Cleaned air bleed valve**

MAX. DEPTH = 41 m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	41							84	285			
2	30							85	289			
3	20							86	293			
4	10							87	279			
5	0							88	283			
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		WT6

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
021	71	31.49 N	161	10.57 W	30	Aug	13	18	41											46	WT6

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen

REMARKS

☐ **Cleaned air bleed valve**

MAX. DEPTH = 43 m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	43							89	285			
2	30							90	289			
3	20							91	283			
4	10							92	279			
5	0							93	283			
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		WT05

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
022	71	21.00 N	166	50.84 W	30	Aug	13	20	55											46	WT05

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen

REMARKS

☐ **Cleaned air bleed valve**

MAX. DEPTH = 43 m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	43						664	94	285	205		
2	30							95	289			
3	20							96	283			
4	10							97	279			
5	0							98	283			
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 1 3 - 0 1		WT04

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
023	71	13.22 N	160	33.18 W	30	Aug	13	22	12	.	.									50	WT04

SBE 911+	TIMES	JD/TIME	DATA LOCATION	REMARKS
PRESS SN	DATA ON		File Name/Header	
PRI TEMP SN	START DOWN			
SEC TEMP SN	AT DEPTH			☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE			MAX. DEPTH = 46 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen	☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	Sample bottle number					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	46							99	285			
2	30							100	289			
3	20							101	283			
4	10							102	279			
5	0							103	283			
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		Site 5 moorings

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
024	71	12.19 N	157	59.43 W	31	Aug	13	08	13	.	.									48	

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen

REMARKS

After Site 5 moorings »Chukchi

☐ **Cleaned air bleed valve**

MAX. DEPTH = 43 m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	43						665			030		
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 1 3 - 0 1		BC 01

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
025	71	14.79 N	157	09.93 W	02	~~Aug~~ Sep	13	0003												46	BC01

SBE 911+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 42 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	42							104	285			
2	30							105	289			
3	20							106	293			
4	10							107	279			
5	0							108	283			
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		BC03

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
026	71	20.35 N	157	21.00 W	02	~~Aug~~ Sep	13	01	34	.	.									94	BC03

SBE 911+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = 91 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	Sample bottle number: Sal	Nutr	Chl	O2	O2-T	
1	91						666	109		267		
2	70							110				
3	50							111				
4	40							112				
5	30							113				
6	20							114				
7	10							115				
8	0							116				
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 1 3 - 0 1		BC 05

CONS CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
027	71	24.81	N	157	36.41	W		~~Aug~~ Sep	13	02	26	.	.									124	BC05

SBE 911+	TIMES	JD/TIME	DATA LOCATION	REMARKS
PRESS SN	DATA ON		File Name/Header	Surface bottle replaced with bucket due to breakage
PRI TEMP SN	START DOWN			
SEC TEMP SN	AT DEPTH			☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE			MAX. DEPTH = 119 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen	☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	Sample bottle number					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	119							117				
2	75							118				
3	50							119	283			
4	40							120	285			
5	30							121	289			
6	20							122	293			
7	10							123	279			
8	0							124	283			
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		BC07

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
028	71	29.95 N	157	42.19 W	02	~~Aug~~ Sep	13	04	12											85	BC07

SBE 911+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 80 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	80							125				
2	65							126				
3	50							127	283			
4	40							128	285			
5	30							129	289			
6	20							130	283			
7	10							131	279			
8	0						667	132	283	105		
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		BC09

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
029	71	34.55 N	157	51.06 W	02	~~Aug~~ Sep	13	05	01											64	BC09

SBE 911+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 59 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	59							133				
2	50							134	283			
3	40							135	285			
4	30							136	289			
5	20							137	283			
6	10							138	279			
7	0							139	283			
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 1 3 - 0 1		BC 10

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
030	71	46.07 N	158	03.94 W	02	~~Aug~~ Sep	13	06	23	.	.									60	BC10

SBE 911+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	56							140	283			
2	40							141	285			
3	30							142	289			
4	20							143	283			
5	10							144	279			
6	0							145	283			
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 1 3 - 0 1		BC 11

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
031	71	45.36 N	158	11.68 W	02	~~Aug~~ Sep	13	07	10	.	.									55	BC 11

SBE 911+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 50 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	50							146	283			
2	40							147	285			
3	30							148	289			
4	20							149	293			
5	10							150	279			
6	0						668	151	283	181		
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		Bx 05

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
032	71	42.81 N	158	38.02 W	02	Aug	13	09	04	.	.									55	Bx05

SBE 911+	TIMES	JD/TIME Sep	DATA LOCATION	REMARKS
PRESS SN	DATA ON		File Name/Header	
PRI TEMP SN	START DOWN			
SEC TEMP SN	AT DEPTH			☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE			MAX. DEPTH = m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen	☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	Sample bottle number					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	51							152	283			
2	40							153	285			
3	30							154	289			
4	20							155	283			
5	10							156	279			
6	0							157	283			
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 1 3 - 0 1		Bx 04

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	033	71 37.04 N	159	00.26 W	02	~~Aug~~ Sep	13	16		.	.									53	Bx 04

SBE 911+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 49 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	49						669	158	283	167		
2	40							159	285			
3	30							160	289			
4	20							161	283			
5	10							162	279			
6	0							163	283			
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		15X03

CONS CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	034	71 29.59	N	159	21.95	W	02	~~Aug~~ Sep	13	12	24	.	.									51	BX03

SBE 911+	**TIMES** JD/TIME Sep	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 47 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	47							164	283			
2	40							165	285			
3	30							166	289			
4	20							167	283			
5	10							168	279			
6	6							169	283			
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 1 3 - 0 1		B x 0 2

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
03	71	24.60 N	159	45.21 W	02	~~Aug~~ Sep	13	1339		.	.									48	B x 02

SBE 911+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 43 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	43							170	285			
2	30							171	289			
3	20							172	283			
4	10							173	279			
5	0							174	283			
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 1 3 - 0 1		Bx 01

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
036	71	17.74 N	160	07.81 W	02	~~Aug~~ Sep	13	15	29	.	.									51	Bx 01

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		CTD036
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 48 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

REMARKS

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	48							175				
2	40							176				
3	30							177				
4	20							178				
5	10						670	179		248		
6	0						↓	180		↓		
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 1 3 - 0 1		WT 04

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	037	13.49 N	166	32.66 W	02	~~Aug~~	13	16	37	.	.									50	WT04

SBE 911+	**TIMES** JD/TIME Sep	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	Repeat of site 4 to
PRI TEMP SN	START DOWN	CTD 037	Tie in previous line
SEC TEMP SN	AT DEPTH		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = 45 m
SEC COND SN	☐ PAR S/N ___ ☐ FLUOR S/N ___ ☐ Oxygen		☐ TRANS. S/N ___

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	Sample bottle number: no Samples taken					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	N/D											
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

No bottles

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		WT-3

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
038	71	07.32 N	160	16.49 W	02	~~SEP~~	13	17	46	.	.									59	WT3

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		CTD038
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 55 m
SEC COND SN	☐ PAR S/N ___	☐ FLUOR S/N ___	☐ Oxygen ☐ TRANS. S/N ___

REMARKS

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	**Sample bottle number**: Sal	Nutr	Chl	O2	O2-T
1	55						671	181	✓	195	
2	40							182	✓		
3	30							183	✓		
4	20							184	✓		
5	10							185	✓		
6	0							186	✓		
7											
8											
9											
10											
11											
12											

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 1 3 - 0 1		WT-2

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
039	70	58.98 N	159	54.48 W	02	~~Aug~~ SEP	13	19	59	.	.									67	WT 2

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		CTD 039
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N __	☐ FLUOR S/N _	☐ Oxygen

REMARKS

Bottle six didn't trip

☐ **Cleaned air bleed valve**

MAX. DEPTH = 64 m

☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	64							187	✓			
2	50							188	✓			
3	40							189	✓			
4	30							190	✓			
5	20							191	✓			
6	10							192	→ didn't trip no sample			
7	0							193				
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		WT-01

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
04	70	51.41 N	159	40.08 W	02	~~Aug~~ Sep	13	21	14	.	.									31	WT01

SBE 911+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 27 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	27							194	✓			
2	20							195	✓			
3	10							196	✓			
4	0							197	✓			
5												
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 1 3 - 0 1		IC-7

CONS CAST #	LATITUDE	LONGITUDE	DATE JD=	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 YR	HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
041	71 20.10 N	164 36.72 W	03 ~~Aug~~ sep 13	1841	.	.									43	IC7

SBE 911+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 38 m
SEC COND SN	☐ PAR S/N ___ ☐ FLUOR S/N ___ ☐ Oxygen		☐ TRANS. S/N ___

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	38							198				
2	30							199				
3	20							200				
4	10							201				
5	0						672	202		113		
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		IC-6

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
042	71	13.81 N	164	11.31 W	03	~~Aug~~ sep	13	21	55	.	.									43	IC6

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen

REMARKS

☐ **Cleaned air bleed valve**

MAX. DEPTH = m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	38							203				
2	30							204				
3	20							205				
4	10							206				
5	0							207				
6												
7												
8												
9												
10												
11												
12												

15 ft Seas
35-Kut wind

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		Ic-5

CONS CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
043	71	06.40	N	163	54.23	W	04	~~Aug~~ Sep	13	0017		.	.									43	Ic 5

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		CTD043
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N __	☐ FLUOR S/N _	☐ Oxygen

REMARKS

☐ **Cleaned air bleed valve**

MAX. DEPTH = 39 m

☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	39						673	208	✓	250		
2	30							209	✓			
3	20							210	✓			
4	10							211	✓			
5	0							212	✓			
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		IC-4

CONS CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
44	7	05	8.81	N 16	33	4.05	W 04	~~Aug~~ Sep	13	03	22	.	.									44	IC4

SBE 911+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 41 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	41							213				
2	30							214				
3	20							215				
4	10							216				
5	0							217				
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		IC3

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	04	57.05.87 N	163	14.93 W	04	~~Aug~~ Sep	13	05	33	.	.									44	IC3

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen

REMARKS

CTD coated in oil from ship.

☐ **Cleaned air bleed valve**

MAX. DEPTH = 40 m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	40							218	✓			
2	30							219	✓			
3	20							220	✓			
4	10						674	221	✓	298		
5	0							222	✓			
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		PH8 – Additional

CONS CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
046	67	41.71 N	168	56.22 W	09	~~Aug~~ Sep	13	03	23											50	PH8

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		File Name/Header
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen

REMARKS

Stable isotopes for Napp

☐ **Cleaned air bleed valve**

MAX. DEPTH = 45 m

☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	45						675					
2	45											
3	10											
4	10											
5												
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		BS-2

CONS CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
0	71	65.42	N	168	48.95	W	09	~~Aug~~ Sep	13	18	39												51	BS2

SBE 911+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	Bering strait near Diomede Is.
PRI TEMP SN	START DOWN		☐ **Cleaned air bleed valve**
SEC TEMP SN	AT DEPTH		MAX. DEPTH = 49 m
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	49							223				
2	40							224				
3	30							225				
4	20							226				
5	10							227				
6	0							228				
7	0						676			78		
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 1 3 - 0 1		BS1

CONS CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	MO	YR	TIME (GMT) HR	MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
04	65	38.35	N	168	28.87	W	09	~~Aug~~ Sep	13	20	04											57	BS1

SBE 911+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	Bering Straight 1
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 49 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	49						677			142		
2	49							229				
3	40							230				
4	30							231				
5	20							232				
6	10							233				
7	0							234				
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		AQ 13-01		Slombars ?

CONS CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	MO	YR	TIME (GMT) HR	MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
049	62	29.85	N	167	30.15	W	11	~~Aug~~ SEP	13	12	58	.	.									27	

SBE 911+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	File Name/Header	
PRI TEMP SN	START DOWN	CTD049	
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = 23 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	**Sample bottle number**					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	20							235				
2	10						678	236		209		
3	0							237				
4												
5												
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 0 1		Site BS-4

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
050	57	53.05	N	168	51.46	W	12	Sept ~~Aug~~	12	22	49	.	.									72	

SBE 911+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	Sea cast 51 too
PRI TEMP SN	START DOWN			CTD 050	
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 63.5 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen		☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA						
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	
1	Bot						679	238		030		
2	50							239				
3	40							240				
4	30							241				
5	20							242				
6	10							243				
7	0							244				
8												
9												
10												
11												
12												

rough seas 10 m bottle hung up
no sample

65
6

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 0 1		BS-4 Mooring site

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
051	57	52.57	N	168	52.13	W	12	Aug	12	23	19	.	.									72	

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		Tape/Diskette ID: — File Name/Header: CTD051
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

REMARKS

See cast 050 too

☐ **Cleaned air bleed valve**

MAX. DEPTH = 65 m

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA							
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T		
1	24								283				
2	24								279				
3	24								283				
4	12								289				
5	12								285				
6	12								283				
7													
8													
9													
10													
11													
12													

CTDs 65

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 0 1		BS-2 S2/S3/S4

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
052	56	52.46N	164	03.86W	15	Aug	12	0800		.	.									72	

GMT

SBE 911+	TIMES	JD/TIME	DATA LOCATION		REMARKS
			Tape/Diskette ID	File Name/Header	
PRESS SN	DATA ON			CTD052	Pre + Post Deploy at BS-2
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 65 m
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen		☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA						
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	DIC ~~Chl~~	O2	O2-T	
1	RoT ↓							245	X			
2	50 ↓							246	X			
3	40 ↓							247	X			
4	30 ↓							248	X			
5	20 ↓							249	X			
6	10 ↓							250	X			
7	0						680	251	X			
8												
9												
10												
11												
12												

VESSEL: Aquila | PROJECT & LEG: A Q 0 1 | DSDB I.D. | STATION DESIGNATION: 52 53 + 54 at site BS-2

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	53	56	52.43 N	164	03.32 W		14	Aug	12	08	33												

GMT

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		Tape/Diskette ID: — File Name/Header: CTD053
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = 665 m

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	Sal	Nutr	DIC	O2	O2-T	
1	66.5									086, 165, 181		
2	66.5							XXX	XXX			
3	61.5									113, 167, 248		
4	61.5							XXX	XXX			
5	13 5							XXX				
6	0									108, 267, 205		
7	0							XXX	XXX			
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Aquila		A Q 0 1		BS-2

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
054	56	52.39	N	164	02.34	W	14	Aug	12	15	40	.	.									72	

SBE 911+	**TIMES**	JD/TIME	**DATA LOCATION**
PRESS SN	DATA ON		Tape/Diskette ID: — File Name/Header: CTD054
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		
PRI COND SN	AT SURFACE		
SEC COND SN	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen

REMARKS

casts 52/53/54 at site BS-2

☐ **Cleaned air bleed valve**

MAX. DEPTH = 66 m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	Sal	Nutr	Chl	O2	O2-T
1	24						681		283		
2	24								279		
3	24								283		
4	12								289		
5	12								285		
6	12								283		
7											
8											
9											
10											
11											
12											