VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	CTD028.hex

CTD consec CAST #	LATITUDE				LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
028	62		30.0392	N	167	00.1087	W	14	SEP	14	18	56:20		35	032	

Sensor IDS (initially & swap-outs)

SBE type and S/N	
PRESS S/N	
TEMP 1 &2 SNs	
COND 1&2 S/Ns	
FLUOR S/N	
O2 (SBE43) S/N	
Transmiss S/N	
PAR S/N	Not working
O2 SBE42S/N	

Weather: Dark - Sunrise

CTD MAX. DEPTH = 30

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

GMT - time @ bottom = EQ
1st Station Leg 2. Issues w/ connectivity between seacable + Deck Box.

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10M	3		0049			250	250			500			2
3	(30)													3
4	BTM	11		0050			250							4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg_____	

CTD consec CAST #	LATITUDE			LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
Ø29	62	29.9875	N	168	00.1647	W	14	SEP	14	19	58		29	33	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather: Overcast

CTD MAX. DEPTH = 24

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

temperature 2 matches Fastcat
temperature 1 is off by 1.7°
Oxygen 1+2 do not match
Xmiss + Fluorometer not correct.
RS-232 transmission error on upcast. had to restart @ 10m
+ then fire Bottle second file CTD029B

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Hydro Team-PMEL Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10	3		51			250	250			500			2
3														3
4	BTM(24)	11	53	52			250							4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
P30	62		30.04	N	169	00.11	W	15	SEP	14	00	20		33	34	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather: Overcast

CTD MAX. DEPTH = 28

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Δ to New Confile 09P-0775now
Corrected confile has Fixed O_2; xmiss, Fluor, temp. issues.

RS232-Communications cut out, issue w/ termination on sea cable had to Restart cast - 2nd file CTD030B.

Repliate Station!

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10m			53			250	250		250	500			2
3														3
4	28m			54			250		250					4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
Ø31	62		29.9954	N	170	00.2452	W	15	SEP	14	04	23	11	37	35	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather: Overcast

CTD MAX. DEPTH = 32

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Adding grease to termination corrected transmission issue.

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10m		54	55			250	250			500			2
3														3
4	32m			56			250							4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL **Alaskan Endeavor 2014**	CRUISE ID AE14-02	PROJECT & LEG (if needed) **NBS leg** 2	CTD FileName (None if data is live feed)

CTD consec CAST #	LATITUDE				LONGITUDE				**GMT** DATE *(note if not)*			**GMT** Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG		MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
032	62		29.9543	N	170		59.9826	W	15	SEP	14	15	38	10.7	44	36	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather: Dark

CTD MAX. DEPTH = 39

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Grease on connector holding.
Issues w/ O_2 + Conductivity seem to drift from each other.

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10			57			250	250			500			2
3														3
4	30			58			250							4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	A214-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
Ø33	62		00.09	N	171	00.3472	W	15	SEP	14			10.8	508	37	

Sensor IDS (initially & swap-outs) 39

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather: Overcast

CTD MAX. DEPTH = 45

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

BTM=0°

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10			59			250	250	23		500			2
3														3
4	40		55	60			250							4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
034				N			W	16	SEP	14				46	38	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather: Overcast

CTD MAX. DEPTH = 40

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Winch pendant went out Replaced w/ spare.

PAR Sensor not able to be switched out, spare is Standard.

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1											500			1
2	10			61			250	250		250	500			2
3														3
4	40			62			250		250					4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE				GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN			DAY	MO	YR	HR	MIN	(°C)	(m)		
035	62		00.0424	N	169	00.0261	W		16	SEP	14	05	15	9.5	38	39	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather: Overcast

CTD MAX. DEPTH = 33

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Possible Coco Bloom & Aqua Colored Water
or its just Dark out

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10		56	63			250	250			500			2
3														3
4	30			64			250							4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE			LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
036	62	00.36	N	167	59.9048	W	16	SEP	14	15	36	10.5	28	40	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Gone

Weather: Dark

CTD MAX. DEPTH = 23

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Lots of noise w/ BA + Fluor, possible jelly

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10			65			250	250			500			2
3														3
4	20			66			250							4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
Ø37	62		00.0775	N	166	59.9880	W	16	SEP	14	19	54	12.9	30	41	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather: Partly Cloudy

CTD MAX. DEPTH = 25

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Hydro Team-PMEL Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10		57	67			250	250			500			2
3														3
4	25			68			250							4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
ϕ38	61		29.9247	N	166	59.8531	W	17	SEP	14	00	15	13	22	42	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Some

Weather: Overcast, Rainy

CTD MAX. DEPTH = 17

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Rain + Hailed on Station!

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Hydro Team-PMEL Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10			69			250	250		250	500			2
3														3
4	17			70			250		250					4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE				GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN			DAY	MO	YR	HR	MIN	(°C)	(m)		
039	61		29.9245	N	168	00.2671	W		17	SEP	14	04	20	11.1	29	43	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather: Overcast

CTD MAX. DEPTH = 24

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Hydro Team-PMEL Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10			71			250	250			500			2
3														3
4	20		58	72			250							4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AS14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE				GMT DATE (note if not)				GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG		MIN		DAY	MO		YR	HR	MIN	(°C)	(m)		
040	61		30.6297	N	169		00.1240	W	17	SEP		14	15	43	8.0	37	44	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Saw

Weather: Dark

CTD MAX. DEPTH = 30

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Higher Seas lots of Swell & Slack in Wire
Had to Restart CTD, weird static/NOISE issues.

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10			73			250	250			500			2
3														3
4	30			74			250							4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
Ø41	61		30.1781	N	170	00.2329	W	17	SEP	14	20	57	10.2	47	45	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather: Overcast - SEAS UP

CTD MAX. DEPTH = 42

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Looks of NOISE in Cast, likely due to high seas & weakening seacable termination.

Coco Bloom possible 61° 27.255 N
took Sample @ Surface 170 00.954
was during fish tow.

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10		59	75			250	250			500			2
3														3
4	40			76			250							4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE				GMT DATE (note if not)				GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG		MIN		DAY	MO		YR	HR	MIN	(°C)	(m)		
042	61		30,0449	N	171		00,0485	W	18	SEP		14	03	10	10.4	52	46	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Same

Weather: Overcast

CTD MAX. DEPTH = 45

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Coco Bloom - AQua Water Sample @ On.

Scan length errors had to restart Cast in Water.

Checked CTD data - processed Same Scans - all looks good

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10			77			250	250	250	250	500			2
3														3
4	40			78			250		250					4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-2	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
043	60		59.9355	N	171	00.4078	W	18	SEP	14	16	34	9.5	57	47	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Spare

Weather: Overcast, windy

CTD MAX. DEPTH = 50

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Lots of scan length errors=84, started ~~on~~ upcast. Likely termination.

AQUA water Sampled = 10 + 50m.

Jim Moved back Station Start to 8:30 - to Dark

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10			79			250	250			500			2
3														3
4	50		60	80			250							4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
Ø44	61		00.2723	N	170	00.0635	W	18	SEP	14	23	27	8.6	47	48	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather: Overcast, High seas

CTD MAX. DEPTH = 41

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Seacat out out last 5m

Still in CoCo Water — took Sample @ On after trawl

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl		GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1													1
2	10			81		250	250		500				2
3													3
4	40			82		250							4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE			LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
045	61	00.1287	N	169	00.0211	W	19	SEP	14	16	06	8	37	49	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

SAME

Weather: Dark

CTD MAX. DEPTH = 30

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

No more Bloom

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Hydro Team-PMEL Nut.Btl		GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1													1
2	10		61	83		250	250		~~250~~	500			2
3													3
4	30			84		250		~~250~~					4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE			LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
046	61	00.5124	N	168	00.7451	W	19	SEP	14	22	01	11.2	31	50	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Same

Weather: Overcast

CTD MAX. DEPTH =

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

High Seas - Marginal weather

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Hydro Team-PMEL Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10			85			250	250			500			2
3														3
4	25			86			250							4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE			LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
Ø47	61	00.6215	N	166	59.6925	W	20	SEP	14	16	05	12.2	23	51	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather: Dark

CTD MAX. DEPTH = 18

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10			87			250	250			500			2
3														3
4	18		62	88			250							4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
048	60		29.94	N	168	00.36	W	20	SEP	14	21	50	11	30	52	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather: Overcast

CTD MAX. DEPTH = 25

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Hydro Team-PMEL Nut.Btl		GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1													1
2	10			89		250	250			500			2
3													3
4	20			90		250							4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
Q49	60		30.0513	N	169	00.1352	W	21	SEP	14	02	13	9.5	39	53	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

GONE

Weather: Overcast

CTD MAX. DEPTH = 34

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Bottle 63 Salinity Broke on Deck

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Hydro Team-PMEL Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10		64	91			250	250		250	500			2
3														3
4	30			92			250		250					4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE				GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN			DAY	MO	YR	HR	MIN	(°C)	(m)		
Ø50	60		30.03	N	170	00.06	W		21	SEP	14	16	05	8.3	51	54	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Same

Weather: Dark

CTD MAX. DEPTH = 45

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Coco Station, took Surface Sample.
Dead Sea Birds.

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Hydro Team-PMEL Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10			93			250	250			500			2
3														3
4	40			94			250							4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE			GMT DATE (note if not)				GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN		DAY	MO		YR	HR	MIN	(°C)	(m)		
Ø51	59		59.9969	N	169	59.9264	W	21	SEP		14	20	59		55	55	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather: Overcast

CTD MAX. DEPTH = 48

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

No more POC filters - ran out of the correct size
No more samples taken

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Hydro Team-PMEL Nut.Btl		GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1													1
2	10			95		250	250						2
3													3
4	50		65	96		250							4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
Ø52	60		00.1014	N	169	00.0214	W	22	SEP	14	01	20	9.4	41	56	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather:

CTD MAX. DEPTH = 35

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Dead Seabird – captured w/ jellyfish net
Shearwater

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Hydro Team-PMEL Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10			97			250	250		250				2
3														3
4	30			98			250		250					4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Alaskan Endeavor 2014	AE14-02	NBS leg 2	

CTD consec CAST #	LATITUDE				LONGITUDE				GMT DATE (note if not)				GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG		MIN		DEG		MIN		DAY	MO		YR	HR	MIN	(°C)	(m)		
053	59		59.9459	N	167		59.9574	W	22	SEP		14	05	22	11	26	57	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather: Overcast, Sunset

CTD MAX. DEPTH = 20

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Last Station

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	POC 500 ml		Comments or other samples	Nisk #
1														1
2	10		66	99			250	250						2
3														3
4	20			100			250							4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12