YEAR: 2015 VESSEL: Alaskan Endeavor	skan Endeavo	Ť	CRUISE ID: AE 15	AE15	L 0	PROJECT: ^	NBS		CTD FILE	CTD FILENAME: AEISA (None if data is live feed)	SA CID ON F	Ø <b>₽</b>
CTD CAST	LATITUDE		LONGITUDE		GMT DATE (note if not)	TE not)	GMT	SURI	SURFACE TEMP	воттом	HAUL#	STN.
# (consec.)	DEG MIN	Z	DEG	MIN	DAY	MO	YR HR	<u>M</u>	(6)	υεΡΙΗ (m)		NAME/ID
	60 0	N 1410.00	108	8560,00	1 0 W	2 E P 1	5 1 6	1 0	9.6	25	>	1
Sensor IDs (Initially & Swap-outs)	(Initially & S	wap-outs)	i	Weather:	P.		-	,		CTD Max Depth =	epth = 20	
SBE type and S/N	N 9+	37878-0775	2+4	(Difficult conditions, factors that may affect measurements or aid processing)	s, factors that m	ay affect mea	surements or	aid processing	)	*		
PRESS S/N		**		Comments:								
TEMP 1 & 2 S/Ns	452420 s	· Pr	4624420	>	-	<b>-</b>	J		, ~	2	+ aroun ovil	4
COND 1& 2 S/Ns		? (	240840	Not	Noticents	-	(	TOKEL	امراه	impropery	Language of the second	
FLUOR S/N	125	535 994P	62			ı		)				
02 (SBE43) S/N	430804	, 4	31301	•	78	D. 9.6	_1	TS: 9.6				
Transmiss S/N				MCB: 20		5 Ø: 30.3		55:30.3				
PAR S/N	59	SPQA3377										
02 (SBE42) S/N				Table					and a			
Nisk # D	Depth Desired	Rosette	Hydr SALT Bri #	# NLIT. Btl #	GFF	>10 Large Volume	GFF (dup) Volume			POC (500 ml)	Comments or Other Samples	Nisk #
•									- 1			
2	3				15							2
ω										4 4 4 4 8 T 4 A 8 A 8 A 8 A 8 A 8 A 8 A 8 A 8 A 8 A		ω
4	100				13				32			4
М									- A			5
6	7											6
7										ž		7
8												8
ဖ									- 4		a	9
10	188			2	250		6					10
11					٠							11
10	0		239		250	250	250					12

											0	
YEAR: 2015	5		CRUISE ID: A E	77	1	PROJECT:	2 800		СТВ	CTD FILENAME: /		1D002
VESSEL: A	VESSEL: Alaskan Endeavor	ivor				LEG:			(Noi	(None if data is live feed)	e reed)	
CTD CAST	LATITUDE		LONGITUDE		GMT DATE (note if no	GMT DATE (note if not)	GMT Time	GMT Time	SURFACE TEMP		HAUL #	STN.
# (consec.)	DEG	MIZ	DEG	MIN	DAY	МО	YR I	HR MIN	( )	טבר וח (ווו)	Ш	ועלוייור/ וכ
لے	59	59.9849 N	68	59.9013	1 Q W	SET D	7 2	ا ا ا	9.0	42	1	2
Sensor IDs (Initially	s (Initially &	(Swap-outs)		Weather:						CTD Max Depth	( Depth =	37
SBE type and S/N	N/S			(Difficult conditions, factors that may affect measurements or aid processing)	s, factors that	may affect n	neasuremen	ts or aid pro	cessing)		3	
PRESS S/N				Comments:								
TEMP 1 & 2 S/Ns	\ <u>\</u>			MLDS								
COND 1& 2 S/Ns	Ns 											
FLUOR S/N												
02 (SBE43) S/N	ž	i										
Transmiss S/N	_											8
PAR S/N												
02 (SBE42) S/N	Ž											,
	Depth	Rosette	Hydr	Hydro Team-PMEL	GFF	>10 Large	阗	GFF (dup)	>10 Large	POC	Comments or	s or Nick #
NISK #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	State		Volume	Volume	(500 ml)	Other Samples	
1												
2	37			5	250	0						2
ယ					111111111111111111111111111111111111111							3
4	30		-	Ui	250					:		4
и					4				; ; ; ; ; ; ; ; ; ; ;	4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	• • • • • • • • • • • • • • • • • • •	5
6	0											6
7												7
œ						-						œ/
9												9
10	20			Ч	250					:		10
11							_					1
12	0			7	250	0 250						12

YEAR: 2015   YEA
LATITUDE LONGITUDE  DEG MIN DEG  (c) 00.6575 N 1/6 1  S/N  S/N  (Initially & Swap-outs)  /N  /N  Depth Rosette SALT Btl #  40  40  40  30  30  30
DEG   MIN   DEG
(a0   00.0575 N   169   Initially & Swap-outs)     (a)   (b)   (b)   (c)   (
Initially & Swap-outs)  Notes SALT Btl #  10 4°  20 3°  10 4°
Depth Rosette Hydresired Notes SALT Btl #
Comments:    Vew Coefficient Con file
Depth Rosette Hydro Team-PMEL GFF Volume Volume  50 50 70 40 8 250  30 30 30 250
So 30  So 30  Con file:  Con file
Depth Rosette Hydro Team-PMEL GFF Volume  50 50 70 250 250
Depth Rosette SALT Btl # NUT. Btl # Volume  50 50 70 4° 250  250 30 30 250
Depth esired         Rosette Notes         Hydro Team-PMEL SFF         GFF           50         50         240         9         250           30         30         30         250         250
Depth resired         Rosette Notes         Hydro Team-PMEL SALT Btl # NUT. Btl # Volume         GFF Volume           50         50         50         240         8         250           30         30         30         250         250
Depth lesired         Rosette Notes         Hydro Team-PMEL SALT Btl # NUT. Btl # Volume         GFF Volume           50         50         50         240         8         250           30         30         30         250         250
Desired         Notes         SALT Btl #         NUT. Btl #         Volume           50         50         50         240         9         250           40         40         8         250         250           30         30         30         250
30 30 240 9 40 40 40 9
40 4° &
30 30
30 30
S
6
7
8
9
10 20 20 7 250
12 0 2 (0 250 250

YEAR: 2015	И		CBI IISE ID:	1	PR	PROJECT: /	SBN		CTD	CTD FILENAME: AEIS	E15-CTDOOY	40
VESSEL: A	VESSEL: Alaskan Endeavor	VOF		ACIO	LEG:	<u>.</u>		)     	(Non	(None if data is live feed)	feed)	
CTD CAST	LATITUDE		LONGITUDE		GMT DATE (note if not)	ot)	GMT Time	S	SURFACE TEMP		HAUL#	STN.
# (consec.)	DEG	NIM	DEG	MIN	DAY	MO Y	YR HR	MIN	(0)	סבו ווו (וווי)		7
工	60	83.9824 N	175	40.6946 W	0 2 5	E P	520	25	ري د <del>ب</del>	50	/	7
Sensor IDs	s (Initially &	Swap-outs)		Weather: fog	6-	,8				CTD Max Depth	Depth = 45	
SBE type and S/N	N/S			(Difficult conditions, factors that may affect measurements or aid processing)	ctors that may	y affect meas	surements or	r aid proces	sing)			
PRESS S/N				Comments:								
TEMP 1 & 2 S/Ns	S/Ns			THE D.								
COND 1& 2 S/Ns	Ns			3								
FLUOR S/N		:										
02 (SBE43) S/N	S/N											
Transmiss S/N	z 										84	
PAR S/N	[											
02 (SBE42) S/N	N/S											
	Depth	Rosette	Hydi	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)		>10 Large	POC	Comments or	Nict #
NISK #	Desired	Notes	SALT Bti #	NUT. Btl #	Volume	Volume			Volume	(500 ml)	Other Samples	
3	45	53										_
2	40	د(٥		12	250			!		:		2
ш												ω
4	30	30			250							4
и												U
6												6
7												7
æ												œ
9												9
10	20	کن		1 \	250		256					10
11								1 1 1 1 1 1	4			1
12	0	2		(٥)	250	250						12

YEAR: 2015	YEAR: 2015		CRUISE ID: A E15	1615	PROJ	ECT:	58N	CTD FI	CTD FILENAME: $A \in S$	E/5-CTD.DOS	55
CTD CAST	AST LATITUDE		LONGITUDE		GMT DATE (note if not)	eot)	GMT Time	SURFACE TEMP	MP BOTTOM	# —	STN.
# (collsec.)	DEG DEG	MIN	DEG	MIN	DAY	MO YR	돗	MIN	סבו זוו (ייוו)		
7	(00)	N + 901 PS	169/	0.2934	8 S 0 M	EP 1	5010	0 8-9	38	1	5
Senso	Sensor IDs (Initially & Swap-outs)	ն Swap-outs)		Weather:					CTD Max Depth =	<b>epth =</b> 33	
SBE type	SBE type and S/N			(Difficult condition	(Difficult conditions, factors that may affect measurements or aid processing)	y affect measu	irements or aid	d processing)			
PRESS S/N	ż			Comments:							
TEMP 1 & 2 S/Ns	\$ 2 S/Ns	- Wecowy		20 M							
COND 1& 2 S/Ns	2 S/Ns										
FLUOR S/N	2										
02 (SBE43) S/N	43) S/N					-					
Transmiss S/N	N/S S										
PAR S/N											
02 (SBE42) S/N	42) S/N										
	Depth	Rosette	Hydi	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large	РОС	Comments or	
NISK #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	Volume	Volume	Volume	(500 ml)	Other Samples	INION #
2				· -	1150						2
ω										4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ω
4	30	33		1	250						4
ъ											5
6											6
7	V										7
8											œ
9							1444444441115PDDDD				9
10	20	21		) 4	750					!	10
11							7 * - * * * * * * * * * * * * * * * * *		# D D D D D D D D D D D D D D D D D D D		11
12	G	-	142	13	250	150					12

					(						(	
YEAR: 2015	5		ים ווכם וס.		PRO	PROJECT: 小らら	S		CTD FILENAME:	NAME: AEIS-	15- CTB006	06
VESSEL: A	VESSEL: Alaskan Endeavor	vor	CRUISE ID: AEIS	AEIS	LEG:	-		i	(None if			
CTD CAST	LATITUDE	21	LONGITUDE		GMT DATE (note if not)	ť)	GMT	SURF	SURFACE TEMP		HAUL #	STN.
# (consec.)	DEG	MIN	DEG	MIN	DAY	MO YR	HR	MZ	(0)	טבו ווו (ווו)		17.77
6	(00	N h 2 b 2 · 0 5	491	28.1728 W	5 8 0	5193	101	2 1	0,3	28	~	6
Sensor ID	Sensor IDs (Initially & Swap-outs)	Swap-outs)		Weather: 000	OVECASE					CTD Max Depth =	epth = 23	W
SBE type and S/N	N/S		10	(Difficult conditions, factors that may affect measurements or aid processing)	ctors that may	affect measu	rements or ai	d processing				
PRESS S/N				Comments:								
TEMP 1 & 2 S/Ns	S/Ns											
COND 1& 2 S/Ns	S/Ns											
FLUOR S/N												
02 (SBE43) S/N	S/N											
Transmiss S/N	Z											
PAR S/N		×										
02 (SBE42) S/N	N/S											
	Depth	Rosette	Нус	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large	rge	ලී	Comments or	
Nisk #	Desired	Notes	SALT Btl #	NUT. Btl #	ā	Volume	Volume	(dup) Volume		(500 ml)	Other Samples	es Nisk #
1												
2												2
ω								4 4 4 1 1 1 1 1 1		• • • • • • • • • • • • • • • • • • •		3
4		5.8										4
ហ								4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				5
<b>6</b> 1				1			;					6
7	:											7
œ												8
9								† † † † † †				9
10	20	23		7	250							10
i i										4 4 4 4 4 4 4 5 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		
12	G	<b>L</b> _		(6	250	250						12

YEAR: 2015 VESSEL: Alaskan Endeavor	CRUISE ID:	AEIS	PROJECT:	T: NBS		CTD FILENAME: $AE/S$ (None if data is live feed)	₩ /\~
	- 1.	(	GMT DATE	GMT	_		
CTD CAST LATITUDE	LONGITUDE		(note if not)	Time		TEMP	<u> </u>
# (consec.) DEG MIN	DEG MIN	Z	DAY MO	YR HR	MIN	( c) DEF In (III)	<u> </u>
7 60 30-07	167 N 0120	00.3061 W	035E	P 1520	17 10,	9 27	
Sensor IDs (Initially & Swap-outs)		Weather: のパピープラナ	st, calon			CTD Max Depth	De
SBE type and S/N	(C)	(Difficult conditions, factors that may affect measurements or aid processing)	ors that may affe	ct measurements o	r aid processing)		'
PRESS S/N	0	Comments:					
TEMP 1 & 2 S/Ns							
COND 1& 2 S/Ns							
FLUOR S/N							
02 (SBE43) S/N							
Transmiss S/N	ì						
PAR S/N							
02 (SBE42) S/N							
Nisk # Depth Ro	Rosette Hydro	Hydro Team-PMEL	GFF >10	>10 Large GFF (dup)	v	(SOO ml)	Comments or Other Samples
			100		Acidine		
				***************************************			
2							
ω							
4							-
5							<u> </u>
6							-
7					<i>**</i>		
8							
9						7 4 4 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
10 20 22	242	٦١	250				
11					0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		<u> </u>
12 0		04	250 7	. 052	250		

	(				(						
YEAR: 2015	015	į			PR	PROJECT: N	VBS	CI	CTD FILENAME: A	AE15_CIDOO8	80
VESSEL:	VESSEL: Alaskan Endeavor	vor	CRUISE ID:	AEIS	LEG:	G: -		2	(None if data is live feed)		
CTD CAST	ST LATITUDE		LONGITUDE		GMT DATE (note if not)	ot)	GMT Time	SURFACE TEMP		HAUL#	STN.
# (consec.)	DEG	MIZ	DEG	MIN	DAY	MO YR	HR.	MIN	DEF III (III)		֓֞֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓
A	60	N 0844, 45	167	2111.00	8 h 0 M	F P 1	0 1 0 5	2 10.9	23	-	80
Sensor	Sensor IDs (Initially &	(Swap-outs)		Weather:	OVESCASH				CTD Max	CTD Max Depth =	9
SBE type and S/N	N/S but			(Difficult conditions, factors that may affect measurements or aid processing)	s, factors that may	/ affect measi	urements or aid	d processing)			
PRESS S/N	_			Comments:							
TEMP 1 & 2 S/Ns	2 S/Ns										
COND 1& 2 S/Ns	2 S/Ns										
FLUOR S/N	2										
02 (SBE43) S/N	3) S/N										
Transmiss S/N	S/N								1		
PAR S/N											
02 (SBE42) S/N	2) S/N		119	55							
	Depth	Rosette	Hydi	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large	POC	Comments or	
Ntsk #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	Volume	Volume	(oup) Volume	(500 ml)	Other Samples	es Nok #
1											_
2						14					2
ω	7										3
4		=						- 4			4
ъ	V							1			S S
6											6
7											7
œ			1					S			8
9		81									9
10	20	19		21	250						10
11							* 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		11
12	0	_		20	250	250					12

	(				(				:		
YEAR: 2015	YEAR: 2015	VOR	CRUISE ID:	AE15	PRC	PROJECT: NBS		CTD FILENAME: (None if data is	CTD FILENAME: $\mathcal{AE}/\mathcal{S}$ (None if data is live feed)	75_ CTD009	9
CTD CAST	LATITUDE		LONGITUDE		GMT DATE (note if not)		GMT Time	SURFACE TEMP	BOTTOM	\UL#	STN.
# (consec.)	DEG	MIN	DEG	MIZ	DAY	MO YR	HR MIN				
-0	60	59,9374 N	168	06.7524	W 04 S	EP 15	6	9.3	28	_	~
Sensor IDs	(Initially &	Swap-outs)		Weather: pu	DU TES CAST				CTD Max Depth	pth = 23	
SBE type and S/N	S/N			(Difficult condition	(Difficult conditions, factors that may affect measurements or aid processing)	affect measurem	ents or aid proces	sing)			
PRESS S/N				Comments:							
TEMP 1 & 2 S/Ns	<u>₹</u>										
COND 1& 2 S/Ns	<u>K</u>						A				
FLUOR S/N											87
02 (SBE43) S/N	Ž										
Transmiss S/N			į								
PAR S/N											
02 (SBE42) S/N	2										
	Depth	Rosette	Hydi	Hydro Team-PMEL	GFF	>10 Large GF	GFF (dup) >1	>10 Large	POC	Comments or	Zink #
NISX #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume			Volume (	(500 ml)	Other Samples	
<b>-</b>											
2											2
ω					† 1 1 1 1 1 1 1 1 1 1 1 1 1	4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 7 7 7 7					ω
4											4.
5										6	5
6							:				6
7											7
œ											œ
9	:					_					9
10	20	23		23	250					-	10
11	4.							0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			11
12	0	-	243	22	250	250		6			12

											(	
< <u> </u>	YEAR: 2015	YEAR: 2015	or	CRUISE ID:	1815	PROJ	PROJECT: NB.	5	(Non	CTD FILENAME: $AE/S$ . (None if data is live feed)	$AE/S$ _CT_Dalo ve feed)	0
I	CTD CAST	LATITUDE	~	LONGITUDE		GMT DATE (note if not)	ot)	GMT Time	SURFACE TEMP	MP BOTTOM	# #AUL #	STN.
*	# (consec.)	DEG	MIZ	DEG	MIN	DAY	MO YR	HR MIN	( )	סבו ווו (וווי)		1,70
	0	61	N 4581.0	69	0.341Z	W 0 4 5	EP15	4014	9.1	72	`	0
ري اي	ensor ID	Sensor IDs (Initially &	Swap-outs)		Weather:	Mostly	cloudy			CTD Max Depth =	epth = 32	2
SE	SBE type and S/N	N/S			(Difficult condition	(Difficult conditions, factors that may affect measurements or aid processing)	/ affect measu	rements or aid pro	cessing)			
P	PRESS S/N				Comments:							
ī.	TEMP 1 & 2 S/Ns	S/Ns										
Ω	COND 1& 2 5/Ns	Ns										
7	FLUOR S/N											
0	02 (SBE43) S/N	N/S										
∃	Transmiss S/N	2										
Ę.	PAR S/N											10
0	02 (SBE42) S/N	S/N										
		Depth	Rosette	Hydr	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large	POC	Comments or	Or Nick#
7	Nisk #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	Volume	Volume	Volume	(500 ml)	Other Samples	
	1							0				
	2											2
	ω											ω
	4.	20	32		26	250		250				4
	5											5
ļ	6											6
$\neg$	7			M								7
1	8									:		80
	9											9
-	10	20	20		25	250						10
	11									• • • • • • • • • • • • • • • • • • •		11
	12	0	-		24	250	250	_				12

TRANS. 2015   CRUISE ID:   A   CRUISE												
CATITUDE   CONGITUDE   CONGI	YEAR: 201	5		CRUISE ID:	AFIC	PR	ECT: ,	185	CTD FII	ENAME: AE	5_ (100)	(
Contribution   Cont	CID CASI	I ATITUDE		LONGITUDE		GMT DAT		GMT	SURFACE TEM	POTTOM		STN.
DEG	# (consec.					(100				DEPTH (m)	700	NAME/ID
Co			MIN		Mila	┰	)		$\dagger$		2	
Dos (Initially & Swap-outs)   Weather: μα st   C (0 μλ / L   C (0 μλ	-	(00	9781	169	.3671	0	-	h 0 0	9	47	7	11
COfficult conditions, factors that may effect measurements or aid processing)   S/N	Sensor IC	)s (Initially &	Swap-outs)		Weather: Most		udy			CTD Max D	"	
Comments:   Comments:	SBE type and	N/S F			(Difficult conditions, fa	ctors that may	y affect meas	surements or aid pr	ocessing)			
Poc	PRESS S/N				Comments:							
S/N	TEMP 1 & 2 :	S/Ns										
SAN   SAN   SALT Bit #   SALT	COND 1& 2 S	S/Ns		j								
N    Depth   Rosette   Hydro Team-PMEL   QFF   Volume   V	FLUOR S/N		:									
Papth   Rosette   Hydro Tearn-PMEL   GFF   10 Large   Comments or   Co	02 (SBE43)	S/N										
Comments or   Depth   Rosette   Phydro Team-PMEL   Depth   Poct   Desired   Phydro Team-PMEL   Phydro Team-Phydro Team-Phy	Transmiss S/	ž										
Papth   Roseite   Hydro Team-PMEL   GFF (dup)   S10 Large (dup) (dup) (dup) (dup) (dup) (dup) (dup) (500 mt)   Comments or Volume (500 mt)   Comments or	PAR S/N											
Depth Desired   Depth Desired   Poc Poc Desired   Poc	02 (SBE42)	S/N										
Desired   Notes   SALT Btl #   NJT. Btl #   Volume   Volume   Volume   Volume   Volume   Volume   Volume   Volume   (500 ml)   Other Samples   Volume   V		Depth	Rosette	Hydr	o Team-PMEL	GFF	>10 Large		>10 Large	POC	Comments o	
40   42   244   250	NISK #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	Volume		Volume	(500 ml)	Other Sample	
40   4元   24   25   250	<b>-</b>								up o o o o o o o o o o o o o o o o o o o			
30 30 30 30 250 30 30 30 30 30 30 30 30 30 30 30 30 30	2	40	42	244	29	250		,				2
70 50 10 250 250 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ω									,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		3
28 250 250 T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4		30		M1	250						4
250 052 052 01 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5									79 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		5
20 20 28 250 30 00 00 00 00 00 00 00 00 00 00 00 00	6	ī										6
20 20 28 250 30 00 00 00 00 00 00 00 00 00 00 00 00	7									79 99 10 10 10 10 10 10 10 10 10 10 10 10 10	79911450000000000000000000000000000000000	7
20 20 28 250 So 250 TJ 750 Z50	œ										:	œ
20 20 28 250 00 00 00 00 00 00 00 00 00 00 00 00 0	9											9
23 250 L L	10	20	20			250						10
0 2 23 250 250	11											
	12	0	۲		27	250	250					12

YEAR: 2015	YEAR: 2015		CRUISE ID: AE/S	AEIS	PROJ	ECT: /	NBS	CTD F	CTD FILENAME: $A \in I$	,7	CF0012
CTD CAST	ST LATITUDE		LONGITUDE		GMT DATE (note if not)	t)	GMT Time	SURFACE TEMP	IP BOTTOM	# 	STN.
# (consec.)	DEG DEG	MIN	DEG	MIN	DAY	MO YR	HR MIN		טבי ווו (ווו)	-	ָרָלְיִילְיִילְיִילְיִילְיִילְיִילְיִילְיִ
17	19	N 1545'04	041	2008.0	W 0 5 5	EP 15	154	٩. ٢	45	(	12
Sensor	Sensor IDs (Initially &	Swap-outs)		Weather:					CTD Max Depth	epth = 40	O
SBE type and S/N	nd S/N			(Difficult conditions, factors that may affect measurements or aid processing)	, factors that may	affect measur	ements or aid pro	ocessing)			
PRESS S/N				Comments:							
TEMP 1 & 2 S/Ns	2 S/Ns										
COND 1& 2 S/Ns	2 S/Ns										
FLUOR S/N						17					
02 (SBE43) S/N	S/N										
Transmiss S/N	N/S										
PAR S/N											
02 (SBE42) S/N	N/S (										
	Depth	Rosette	Нус	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large	РОС	Comments or	<u> </u>
Nisk #	Desired	Notes	SALT Btl#	NUT. Btl #	Volume	Volume	Volume	Volume	(500 ml)	Other Samples	
-						**					
2	40	40		22	250		250				2
3								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			3
4.	30	30			250			:			4
ъ											5
6	-								:		ഗ
7											7
œ											œ
9											9
10	20	21	3/	3 (	250		-				10
11							444444		)   0		1
12	O	2	J 50	30	250	250		_			12

YEAR: 2015	5	i	CRUISE ID: 1	7	PR	PROJECT: $\Lambda$	VBS		CTD FILENAME:	NAME: AEVS	5- 670013	F
VESSEL: AI	VESSEL: Alaskan Endeavor		7	(E15)	<u> </u>	LEG: /		-	(None if c	(None if data is live feed)	ed)	
CTD CAST	LATITUDE		LONGITUDE		GMT DATE (note if not)	TE Tot)	GMT	SURFA	TEMP	BOTTOM	HAUL #	STN.
# (consec.)	DEG	MIN	DEG	MIN	DAY	MO	YR HR	MIN	(5)	טבר ווו (ווו)	131	
13	19	29.9242N	169	00.3270	S S 0 M	EP-	5200	5	8.9	38	1	13
Sensor IDs	s (Initially &	(Initially & Swap-outs)		Weather:						CTD Max Depth	pth = ₹o	5
SBE type and S/N	N/S			(Difficult conditions, factors that may affect measurements or aid processing)	actors that ma	ay affect mea	surements or ai	d processing)				
PRESS S/N				Comments:								
TEMP 1 & 2 S/Ns	N5											
COND 1& 2 S/Ns	Ns	1		A.	D T							
FLUOR S/N				A A A	767 2							
02 (SBE43) S/N	2											
Transmiss S/N												
PAR S/N												
02 (SBE42) S/N	2											
Nisk #	Depth	Rosette	Hydr	Hydro Team-PMEL	GFF	>10 Large	0	>10 Large (dup)		POC	Comments or	or Nisk #
THE PER	Desired	Notes	SALT Bti #	NUT. Btl #	Volume	Volume	Volume	Volume		(500 ml)	Other Samples	
1												
2		-										2
ω			_									w
4	30	30		35	250							4
2									4 4 4 1 5 5 6 6 7	p		5
ത												6
7												7
œ												8
9					-							9
10	20	20	!	34	250			!				10
11		î									* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11
12	0	~	245	33	250	250			_			12

											0	
YEAR: 2015	5		CRIJISE ID:			PROJECT:	NBS		CTD FIL	CTD FILENAME: $A \in I$	15_60014	4
VESSEL: A	VESSEL: Alaskan Endeavor	vor	CHOISE ID: AEIS	4EIS	_	LEG: (			(None i	(None if data is live feed)	eed)	:
CTD CAST	LATITUDE		LONGITUDE		GMT DATE (note if not)	not)	Time		SURFACE TEMP		HAUL#	STN.
# (consec.)	DEG	MIZ	DEG	MIN	DAY	MO	YR HR	N.	(0)	טברוח (ווו)	<u> </u>	NAMIC/ ID
hi	6	29.9701 N	167	8118-65	M 0 8	1 8 3 5	205	7 3	5.9	29	1	14
Sensor IDs		Swap-outs)	:	Weather: ¿(,,	cloudy					CTD Max Depth	epth = 24	
SBE type and S/N	N/S			(Difficult conditions, factors that may affect measurements or aid processing)	s, factors that n	nay affect me	asurements o	or aid proces	ssing)			
PRESS S/N				Comments:								
TEMP 1 & 2 S/Ns	/Ns											
COND 1& 2 S/Ns	/Ns											
FLUOR S/N												
02 (SBE43) S/N	ž											
Transmiss S/N												
PAR S/N			j									
02 (SBE42) S/N	N/N											
Nisk #	Depth	Rosette	Hydr	Hydro Team-PMEL	GFF	>10 Large	e GFF (dup)		>10 Large (dup)	POC (500 ml)	Comments or Other Samples	Nisk #
	nalican	Canon	SALI Bti#	NUT. BU #	· Outility	100			Volume	(000)		
1								1 1 1 1 1 1 1 1 1				_
2												2
<b>.</b>	V											ω
4	50	1,2			2.5							4
5										B B B B B B B B B B B B B B B B B B B		5
6												6
7					N							7
8												æ
9		×										9
10	20	20		42	250					:		10
1					_					1 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		11
				The state of the s	)	7 6						12

										0	
YEAR: 2015	5		CRI IISF ID:		PR	PROJECT: /	NBS	CI	CTD FILENAME: A	AEIS - CTBOIS	9
VESSEL: AI	VESSEL: Alaskan Endeavor	/or		AEIS	LEG:	-		Î	(None if data is live feed)	feed)	
CTD CAST	LATITUDE		LONGITUDE		GMT DATE (note if not)	et)	GMT Time	SURFACE TEMP		HAUL #	STN.
# (consec.)	DEG	MIN	DEG	MIN	DAY	MO	YR HR	MIN	סבר ווו (ווו)		į
15	(6)	29-7657N	167	0-0633	w 0 6 5	EPI	5 160	7 10.	2 22	^	15
Sensor IDs	s (initially &	(Initially & Swap-outs)		Weather: overware	134				CTD Max Depth	- /	8
SBE type and S/N	N/S			(Difficult conditions, factors that may affect measurements or aid processing)	actors that may	y affect meas	surements or air	d processing)			
PRESS S/N				Comments:							
TEMP 1 & 2 S/Ns	/Ns										
COND 1& 2 S/Ns	\hat{s}										
FLUOR S/N											
02 (SBE43) S/N	N										
Transmiss S/N											
PAR S/N											
02 (SBE42) S/N	N										
Nisk #	Depth	Rosette	Hydr	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large (dup)	POC POC	Comments or	Nisk #
	000		SALI BU #	NOT. BU #				Volume		To the state of th	
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5										0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5
6											6
7									·		7
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9											9
10	2	18	246	ه-	050						10
===											
12	0			3 8.	250	250					12

YEAR: 2015	5		CBI IISE ID:		PR	PROJECT: /	NBS	CTD	CTD FILENAME:	1515_CTD016	0/6
VESSEL: A	VESSEL: Alaskan Endeavor	vor	Choise is: AEIS	AEIS	LEG:	G:		(Nor	(None if data is live feed)		
CTD CAST	LATITUDE		LONGITUDE		GMT DATE (note if not)	ot)	GMT	SURFACE TEMP		HAUL#	STN.
# (consec.)	DEG	MIN	DEG	MIN	DAY	MO YR	HR	MIN	סבי נוו (ווו)		ָ ק
16	101	59.7731 N	491	00.(013	W 0 6 5	EP1	5202	7 9.5	29	/	16
Sensor ID	Sensor IDs (Initially &	& Swap-outs)		Weather: 800	crea st				CTD Max Depth =	)epth = 24	
SBE type and S/N	S/N			(Difficult conditions, factors that may affect measurements or aid processing)	factors that ma	y affect meas	urements or aid	processing)			
PRESS S/N				Comments:							
TEMP 1 & 2 S/Ns	Ns										
COND 1& 2 S/Ns	/Ns										
FLUOR S/N											
02 (SBE43) S/N	¥ 										
Transmiss S/N	z 										
PAR S/N	<b>.</b>			11							
02 (SBE42) S/N	S/N										
	Depth	Rosette	Hydi	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large	POC	Comments or	Zink #
NISK	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	Volume		Volume	(500 ml)	Other Samples	
<b>-</b>											_
2											2
<b>ω</b>											ယ
4.											4
ы											5
6											თ
7											7
œ											<b>c</b> o
9											9
10	w	24		11	250						10
11											11
12	0	-		Чo	250	250	250				12

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YEAR: 2015	YEAR: 2015 VESSEL: Alaskan Endeavor	òr	CRUISE ID: A€15	AEIS	PROJ	PROJECT: √⅓≤ LEG: ≀	×	CTD FIL	CTD FILENAME: $AEI$	E15-CTD017	7
CTD CAST	LATITUDE	should se	LONGITUDE		GMT DATE (note if not)	ot)	GMT Time	SURFACE TEMP	BOTTOM	#	STN.
# (collact.)	DEG K	MIN	DEG	MIN	DAY	MO YR	HR MIN	N			į
4	80)	N-2252-00	+01	59.4674 W	1075	EP 15	0 1 0 5	2.9.3	28	1	K
Sensor	Sensor IDs (Initially & Swap-outs)	Swap-outs)	80	Weather: partly		cloudy			CTD Max Depth =	pth = 23	~
SBE type and S/N	nd S/N			(Difficult conditions, factors that may affect measurements or aid processing)	ctors that may	affect measu	rements or aid p	rocessing)			
PRESS S/N				Comments:							
TEMP 1 & 2 S/Ns	2 S/Ns										
COND 1& 2 S/Ns	2 S/Ns										
FLUOR S/N											
02 (SBE43) S/N	) S/N										
Transmiss S/N	N/S										
PAR S/N											
02 (SBE42) S/N	S/N										
	Depth	Rosette	Hydr	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large	POC	Comments or	Niet #
NISK #	Desired	Notes	SALT Btl #	NUT. Btl #	Φ	Volume	Volume	Volume	(500 ml)	Other Samples	1000
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ω											ω
4.											4
И											5
თ											σ
7											7
œ	85.										œ
9	(7)									74.104.440.000.000.000.000.000.000.000.00	9
10	20	13		43	250						10
11	À										
12	0		244	た	250	150					12

YEAR: 2015	YEAR: 2015		CRUISE ID: AEIS	SAV	PRO.	ECT:	NBS		CTD FILENAME:	7	AEIS-CTROIS	810
CTD CAST	LATITUDE	:	LONGITUDE		GMT DATE	, mi	GMT	SURF/	SURFACE TEMP	BOTTOM		STN.
# (consec.)	DEG	MIN	DEG	MIN	DAY	MO YR	_	<u> </u>	(0°)	DEPTH (m)	(	NAME/ID
18	29	N 8058. PS	+91	25.72 HH	5 t a M	103	918	00	is	29	, , ,	8
Sensor iDs	(Initially &	Swap-outs)		Weather: 0	overcast	Largery			0	CTD Max Depth	epth = ZY	
SBE type and S/N	N/S			(Difficult conditions, factors that may affect measurements or aid processing)	, factors that ma	y affect meas	urements or a	id processing)				
PRESS S/N				Comments:								
TEMP 1 & 2 S/Ns	<b>K</b>											
COND 1& 2 S/Ns	<u>&amp;</u>											
FLUOR S/N												53
O2 (SBE43) S/N	Ž											
Transmiss S/N												V
PAR S/N		100 Miles										
02 (SBE42) S/N	ž											
Nisk #	Depth	Rosette	Нуфг	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large (dup)		POC	Comments or	Nisk #
		S. S	Contract to the second	1000	10000000	The state of the s		Volume				
												<b>-</b>
2												2
ω									***************************************			ω
4												4
ъ											1	5
6											10	<b>6</b>
7												7
ω												8
9											and designation of the second	9
10	20	20		45	んの		250					10
11												11
12	0	W		нч	150	250						12

	0							,				
YEAR: 2015	15		CRI IISF ID:	751	P	PROJECT: /	NBS		CTD FII	CTD FILENAME: #€/5	15_ct0019	379
VESSEL: /	VESSEL: Alaskan Endeavor	vor	0.00	HC1)		LEG: (		,	(None	(None if data is live feed)	eed)	
CTD CAST	LATITUDE		LONGITUDE		GMT DATE (note if not)	TE not)	GMT Time	10	SURFACE TEMP		HAUL#	STN.
# (collsec.)	DEG	MIN	DEG	MIN	DAY	МО	YR IF	X N	(	טברוח (ווו)	1	ואלואוני/ וכי
h]	50	N & to 1.0 {	167	1552.0	1 to M	1 335	520	1 5	9.2	35	1	19
Sensor IDs	)s (Initially &	Swap-outs)		Weather: MosHy		Cloudy	1 3 !	5' 0	+	CTD Max Depth =	epth = 🏻 📝	O
SBE type and S/N	N/S P			(Difficult conditions, factors that may affect measurements or aid processing)	factors that m	ay affect me	asurements o	r aid proces	ssing)	vs		
PRESS S/N				Comments:	100							
TEMP 1 & 2 S/Ns	S/Ns											
COND 1& 2 S/Ns	S/Ns											
FLUOR S/N												
02 (SBE43) S/N	S/N											
Transmiss S/N	ž											
PAR S/N												
02 (SBE42) S/N	S/N											
	Depth	Rosette	Hydr	Hydro Team-PMEL	GFF	>10 Large	e GFF (dup)		>10 Large	POC	Comments or	
NISK #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	Volume	f H	5	Volume	(500 ml)	Other Samples	S NISK #
-1				-								_
2												2
ω												З
4	30	30	248	4.8 H	250							4
5	ment die der gegen mit die de met die die gegen gegen mit die des								4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			S
6	15											6
7				.P								7
8											,	8
9												9
10	So	20		七h	250							10
11		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2						0			
12	0	7		્ર40	250	250						12

YEAR: 2015	YEAR: 2015	VOT	CRUISE ID:	ADS	ם =	PROJECT:	NBS		CTD FIL	CTD FILENAME: AE/S_(None if data is live feed)	5- CTD 029	10
CTD CAST	LATITUDE		LONGITUDE		GMT DATE (note if not)	TE not)	GMT Time	S	SURFACE TEMP	воттом	HAUL #	STN.
# (consec.)	DEG	MIN.	DEG	MIN	DAY	MO	YR HR	<u>M</u>	()	יייייייייייייייייייייייייייייייייייייי		אאוני/וט
20	63	N 42 HI-0	166	5800.0	80 W	1 6 B	203	16	9.4	20	`	20
Sensor IDs	s (Initially &	Swap-outs)		Weather: ove	ovestast					CTD Max Depth =	epth =	16
SBE type and S/N	N/S			(Difficult conditions, factors that may affect measurements or aid processing)	factors that m	ay affect me	asurements o	r aid process	sing)			
PRESS S/N	1			Comments:								
TEMP 1 & 2 S/Ns	S/Ns											
COND 1& 2 S/Ns	3/Ns											
FLUOR S/N												15
O2 (SBE43) S/N	SN											
Transmiss S/N	z 		12									
PAR S/N												
02 (SBE42) S/N	N/S											
Zir K	Depth	Rosette	Hydr	Hydro Team-PMEL	GFF	V			>10 Large	POC	Comments or	Nisk #
THE PERSON NAMED IN	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	200	8		Volume	(500 ml)	Other Samples	
	· · · · · · · · · · · · · · · · · · ·											_
2		1										2
ω					P							ω
4								22				4
s	32.											5
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7												7
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9	D)											9
10	20	ا ما ا		50	250							10
			de ug dd di de up tyr dill die da						0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			11
12	0	رى		Ha	250	250	П		-	11		12

YEAR: 2015	)15		CRUISE ID:	1	PR	PROJECT: /	SBN		C	CTD FILENAME:		AEIS - CT	C70021
VESSEL:	VESSEL: Alaskan Endeavor	/or		VCIO	רבים:	''				Vone IT	(None if data is live feed)	ed)	
CTD CAST	T LATITUDE		LONGITUDE		GMT DATE (note if not)	ot)	GMT Time	ë T	SURFACE TEMP		BOTTOM	HAUL #	STN.
# (consec.,	DEG	NIM	DEG	NIN	DAY	MO .	YR HR	R MIN	1		טבר ווו (וווו)		יאלוילור/ וכ
21	62	N 806 H'O	166	M +5559.45	S h 0	1 0 3	1 5	72.	5.8.3		25	,	21
Sensor IDs	(Initially &	Swap-outs)		Weather: MosHy	0	londy					CTD Max Depth =	epth =	21
SBE type and S/N	N/S br			(Difficult conditions, factors that may affect measurements or aid processing)	ctors that ma	y affect mea	surement	s or aid pr	ocessing)		: !		
PRESS S/N				Comments:									
TEMP 1 & 2 S/Ns	S/Ns											123	
COND 1 & 2 S/Ns	S/Ns			00									
FLUOR S/N													
02 (SBE43) S/N	) S/N										ŧa		
Transmiss S/N	N												
PAR S/N							7						
02 (SBE42) S/N	N/S (												
	Depth	Rosette	Hydr	Hydro Team-PMEL	OFF F	>10 Large	GFF (dup)	di b)	>10 Large		R C	Comments or	
NISK #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	Volume		ıme	(dup) Volume	(5	(500 ml)	Other Samples	es Nisk#
-1									يج جيشة خوال في قد قد قد قد قد قد تو جيد جيد				
2	2			3				_	12				2
ω										=	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		ω
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9													9
10	W	7		25	250						_		10
11													
12	σ	W	249	51	250	250							12

YEAR: 2015	5		CRUISE ID: 1.5-/	10/1	PR		SBN		CTD FILENAME: 4E15	EAE15	CTDO	22
VESSEL: A	VESSEL: Alaskan Endeavor	Vor			LEG:	ا ا			(None if data is live feed)	is live teed		
CTD CAST	LATITUDE		LONGITUDE		GMT DATE (note if not)	ot)	GMT	SURFACE TEMP			HAUL #	STN.
# (consec.)	DEG	MZ	DEG	MZ	DAY	MO YR	돐	MIN		עברום (ווו)		NAME/ID
22	59	N 0)58.80	167	31.7315	S 60 M	E P 1	5115	13 7,4	3	7	1	22
Sensor IDs	s (Initially &	Swap-outs)		Weather: cl	cloudy				CTD	CTD Max Depth =	2	9
SBE type and S/N	N/S	å A		(Difficult conditions, factors that may affect measurements or aid processing)	s, factors that ma	y affect measu	rements or aic	processing)				
PRESS S/N				Comments:								
TEMP 1 & 2 S/Ns	/Ns	No. of the last of	2011									
COND 1& 2 S/Ns	NS											
FLUOR S/N	İ											
02 (SBE43) S/N	2											
Transmiss S/N												
PAR S/N	1											
טב (שטבידר) שי וי								1012				
Nisk #	Depth Desired	Rosette	SALT Btl #	# NUT. Bti #	Volume	>10 Large Volume	GFF (dup) Volume	(dup)	(500 ml)		Comments or Other Samples	S Nisk #
- <b>3</b>					2/3/2			ż				-
2	82						,					2
ω												3
4	30	29		35	250							4
5												5
6								-				თ
7								18				7
8												œ
9											30 p p 0 p 0 p 0 p 0 p 0 p 0 p 0 p 0 p 0	9
10	20	21		20	250		250					10
11		of the control of the								r	70 p & 0 0 p & 0 0 p & 0 0 p & 0 0 p & 0 0 p & 0	1
12	0	7		53	156	250						12

					- (							
YEAR: 2015 VESSEL: Alaskan Endeavor	kan Endeav	<b>or</b>	CRUISE ID:	AEIS	PRO.	PROJECT:	S S S		(None if data is	CTD FILENAME: $A \in S$ . (None if data is live feed)	15-CTD023	23
CTD CAST L	LATITUDE		LONGITUDE		GMT DATE (note if not)	JOT)	GMT Time		SURFACE TEMP	BOTTOM	HAUL #	STN.
# (consec.)	DEG	NIN	DEG	MIN	DAY	MO	YR HR	MIN	(0)	טברוח (ווו)		ואאויוב/ וט
23	62	N 8862-51	109	M 0069.61	5 1 1	103	9116	28	7.5	194	′	$\frac{2}{3}$
Sensor IDs (	(Initially &	Swap-outs)		Weather: party		rpnala				CTD Max Depth =		0 4
SBE type and S/N	-			(Difficult conditions, factors that may affect measurements or aid processing)	tors that ma	y affect mea	surements o	r aid proce	ssing)			
PRESS S/N				Comments:								
TEMP 1 & 2 S/Ns				Previous	da	, No		mpline	due	t	2650	4
COND 1& 2 S/Ns											<b>6</b>	1
FLUOR S/N			7)	7 55	Keek-	Sees	> (	,				
02 (SBE43) S/N												
Transmiss S/N												
PAR S/N												
02 (SBE42) S/N												
	Depth	Rosette	Hydi	Hydro Team-PMEL	압	>10 Large	GFF (dup)		>10 Large	PC	Comments or	
Nisk #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	Volume			Volume (	(500 ml)	Other Samples	S NISK #
1		,										_
2 4	Ch.	40	250	25	282							
ω												
4 30	0	31		C) B	250						- C	
s												
6												_
7			*61									
8										22		
9												
10 ر	0	20		57	250							
1												
12	U	2		500	250	250						

YEAR: 2015	2015			1 - 1	PR	PROJECT: ∕\BS	38		CTD FILENAME:		AE15-CO	CTBOZY
VESSE	VESSEL: Alaskan Endeavor	vor	CHOICE IS: MEIO	AEIO	LEG:	ان ق		_	None if dat	(None if data is live feed)	ed)	
CTD CAST	AST LATITUDE		LONGITUDE		GMT DATE (note if not)	et)	GMT Time	SURFACE TEMP		BOTTOM	HAUL#	STN.
# (consec.)	DEG	MIN	DEG	NIN	DAY	MO YR	HR.	MIN		בי ווו לוווי)		į
24	1 62	0.1376 N	10 g	O1+0.0	W 1 1 5	EP15	5 20 5	4 le.	- <b>9</b>	38	_	24
Sensor IDs	or IDs (Initially &	(Swap-outs)		Weather: Mostly	C	loudy			CI CI	CTD Max Depth =		\w
SBE type	SBE type and S/N			(Difficult conditions, factors that may affect measurements or aid processing)	factors that may	y affect measu	rements or aid	processing)				
PRESS S/N	N			Comments:		,						
TEMP 1	TEMP 1 & 2 S/Ns											
COND 1	COND 1& 2 S/Ns										ž	-
FLUOR S/N	ž											
OZ (SBE	02 (SBE43) S/N											
Transmiss S/N	ss S/N		H									
PAR S/N									ď			
02 (SBE	02 (SBE42) S/N											
	Depth	Rosette	Нуф	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large	PC	POC	Comments or	
NISK #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	Volume	Volume	Volume	(500	(500 ml)	Other Samples	es in the second
1												_
2	33	33		19	250							2
ω												ω
4	30	30			250		250					4
5						111111111111111111111111111111111111111						5
6					:							o
7												7
<b>co</b>												8
9												9
10	20	20		(60	250						;	10
11												
12	0	7		59	250	250						12

									1.			
YEAR: 2015	5		CRUISE ID: A CIC	ACIC	19	四	NRS		CTD FILENAME:		-670	025
VESSEL: A	VESSEL: Alaskan Endeavor	VOL		(		LEG:		-	(None II	(None II data is live reed)	řed)	
CTD CAST	LATITUDE		LONGITUDE		GMT DATE (note if not)	not)	GMT	SL	SURFACE TEMP		HAUL #	STN.
# (consec.)	DEG	MIN	DEG	MIN	DAY	MO	YR HR	MIN	(0)	טבו ווו עווו)		147 P. F.
25	29	N 2148762	b 30/	1 680h.a	N 1 2 S	E P 1	5 0 2	2 2	6,7	33	1	25
Sensor IDs	s (Initially &	(Initially & Swap-outs)		Weather: party	by cloudy	46				CTD Max Depth =		28
SBE type and S/N	N/S			(Difficult conditions, factors that may affect measurements or aid processing)	actors that ma	y affect mea	surements or	aid processi	ng)			
PRESS S/N				Comments:								
TEMP 1 & 2 S/Ns	S/Ns											
COND 1& 2 S/Ns	Ns.	87. 00.8										
FLUOR S/N												
02 (SBE43) S/N	N/S											
Transmiss S/N	Z											
PAR S/N												
02 (SBE42) S/N	S/N											
	Depth	Rosette	Hydr	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)		>10 Large	PC	Comments or	
NISK #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	Volume			Volume (	(500 ml)	Other Samples	S NISK #
-												
2												2
з							6 F F F F F F F F F F F F F F F F F F F		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		4 4 4 1 5 5 5 5 6 6 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ω
4	30	28		64	250							4
и												5
6												6
7												7
œ		800										œ
9							* * * * * * * * * * * * * * * * * * *		J 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			9
10	20	20		[ 63	250							10
11								• • • • • • • • • • • • • • • • • • •			A 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
12	0	ح	251	10)	250	250						12

					(					(	
YEAR: 2015	YEAR: 2015 VESSEL: Alaskan Endeavor		CRUISE ID: AE15	AEIS	PROJ	ECT:	NBS	CTD FI (None	CTD FILENAME: $\mathcal{A}_{\mathcal{E}^l}$ (None if data is live feed)	5	CTD026
CTD CAST	LATITUDE		LONGITUDE		GMT DATE (note if not)	ot)	GMT Time	SURFACE TEMP	BOTTOM	\UL#	STN.
# (consec.)	DEG	MIN	DEG	MIN	DAY	MO YR	R MIN	( )	בי ווי (ווי)		
26	63	N-2844.18	167	M +212.85	(25	EP 1	5 1609	7.6	, 32	-	26
Sensor ID	Sensor IDs (Initially &	Swap-outs)		Weather: Dyercast	ast				CTD Max Depth	2	4
SBE type and S/N	N/S			(Difficult conditions, factors that may affect measurements or aid processing)	tors that may	affect measi	urements or aid pro-	cessing)			
PRESS S/N				Comments:							
TEMP 1 & 2 S/Ns	S/Ns										_
COND 1& 2 S/Ns	;/Ns										
FLUOR S/N											
02 (SBE43) S/N	S/N										
Transmiss S/N	z										
PAR S/N											
02 (SBE42) S/N	N/S										
	Depth	Rosette	Hydi	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large	РОС	Comments or	Zik #
Nisk #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	Volume	Volume	Volume	(500 ml)	Other Samples	
<b>-</b>										P	
2											2
ω											ω
4	20	27		40	250						4
5									• • • • • • • • • • • • • • • • • • •		5
6				_							6
7									.0	000000000000000000000000000000000000000	7
00					3						œ
9					ř						9
10	20	1.2		66	250						10
11							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
12	0	?		65	750	-250					12

YEAR: 2015 VESSEL: Alaskan Endeavor	CRUISE	CRUISE ID: AE(S	PROJECT: LEG: ک	T: NBS	CTD FIL	CTD FILENAME: $A \in S$ (None if data is live feed)	⊕ \ <u>\</u>
		- - 1	GMT DATE	GMT			
CTD CAST LATITUDE	LONGITUDE	UDE	(note if not)	Time	SURFACE TEMP		HAUL #
# (collsec.) DEG MIN	DEG	MIN	DAY MO	YR HR N	MIN	טברות (ווו)	
27 63 29.	1.7995 N 107	£840 "1	W 1 2 5 EC	15202	8 (0,6	25	
Sensor IDs (Initially & Sw	Swap-outs)	Weather:				CTD Max Depth	# =
SBE type and S/N		(Difficult conditions,	(Difficult conditions, factors that may affect measurements or aid processing)	t measurements or aid	processing)		
PRESS S/N		Comments:					
TEMP 1 & 2 S/Ns		700	DUPLICATE				
COND 1& 2 S/Ns		,					
FLUOR S/N							
02 (SBE43) S/N							
Transmiss S/N							
PAR S/N		1					
02 (SBE42) S/N							
Nick # Depth	Rosette	Hydro Team-PMEL	GFF >10	>10 Large GFF (dup)	>10 Large	POC	Comments or
Desired	Notes SALT Btl #	I# NUT. Btl#	Volume Volume	ıme Volume	Volume	(500 ml)	Other Samples
_						4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
2							
ω							(4)
4							
5				#			
6							
7							
8		~					
9							
10 Zo	20 25	2 69	250				
11							
12 0	9	80)	250 2	50	250	_	

										(	
YEAR: 2015 VESSEL: Ala	YEAR: 2015 VESSEL: Alaskan Endeavor	vor	CRUISE ID:	AEIS	Fi 33	PROJECT: 7	N 02	(No CT	CTD FILENAME: $A \in \mathcal{U}$ (None if data is live feed)	2-5	70028
CTD CAST	ST LATITUDE		LONGITUDE		GMT DATE (note if not)		GMT Time	SURFACE TEMP	EMP BOTTOM	# -	STN.
# (consec.)	DEG	MIZ	DEG	MIN	DAY	MO	YR HR MIN	Z	SETTICE (III)		NAME/ID
28	89	29.9731 N	55	M2266-65	5 2 1	<u>6</u>	500	5 25	8.6	_	82
Sensor	Sensor IDs (Initially &	Swap-outs)		Weather: over	Jeast				CTD Max Depth =	2	0
SBE type and S/N	nd S/N			(Difficult conditions, factors that may affect measurements or aid processing)	tors that ma	y affect mea	surements or aid	processing)			
PRESS S/N				Comments:							
TEMP 1 & 2 S/Ns	S/Ns										
COND 1& 2 S/Ns	S/Ns										
FLUOR S/N											
OZ (SBE43) S/N	N/S (										
Transmiss S/N	S/N										
PAR S/N			1								
02 (SBE42) S/N	) S/N										
	Depth	Rosette	Hydr	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large	POC	Comments or	
NISK #	Desired	Notes	SALT Btl#	NUT. Btl #	Volume	Volume	9	(aup) Volume	(500 ml)	Other Samples	NISK #
-1											
2											2
ω											3
4											4
5											5
6											റ
7											7
8											œ
9											9
10	20	20		7	250						10
											1
12	0	7		400	150	250					12

											0	
YEAR: 2015	15		CRUISE ID:	7	<u> </u>	PROJECT:	58N	10	CTD	CTD FILENAME: AEIS	11	620029
	— I і				GMT DATE	ATE	GMT	_		70770		1
# (consec )	LATITUDE		LONGITUDE		(note if not)	not)	Time	N	SURFACE TEMP	MP BOTTOM	# HAUL#	STN.
# (collact.)	DEG	MIN	DEG	MIN	DAY	MO	YR HR	X Z	(3	0(11)		į
29	10	61.3318 N	168	00.3620	w 1 3 5	62	15/16	5	7.5	36	-	29
Sensor IDs	Os (Initially &	Swap-outs)		Weather: OW	hefcast,	1,74+	rain			CTD Max Depth	)epth =	
SBE type and S/N	N/S P			(Difficult conditions, factors that may affect measurements or aid processing)	factors that m	ay affect me	asurements o	r aid proces	sing)			
PRESS S/N		1		Comments:								εi
TEMP 1 & 2 S/Ns	S/Ns											
COND 1& 2 S/Ns	S/Ns	×										
FLUOR S/N		i i										
02 (SBE43) S/N	S/N											
Transmiss S/N	≥ 											
PAR S/N												
02 (SBE42) S/N	SVN											
Ni V	Depth	Rosette	Hydr	Hydro Team-PMEL	GFF	>10 Large	e GFF (dup)		>10 Large	POC	Comments or	or Nick #
Nisk #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	Volume	Volume		Volume	(500 ml)	Other Samples	12000
2							:	:				2
ω												<b>3</b>
4	0	3 (		ht	250				:			4
и												5
ത												6
7												7
œ												œ
9												9
10	V	20		73	250						,	10
11							7				q = = = = = = = = = = = = = = = = = = =	11
12	0		253	77	250	250						12

	$\bigcirc$										
YEAR: 2015			CBI IISE ID:		PR(	PROJECT: /	NBS	CTD F	CTD FILENAME: AE	15	CTDOSO
VESSEL: Ala	VESSEL: Alaskan Endeavor	or	Choise is: ME15	MEIS	LEG:	3: 2		(None	(None if data is live feed)	ed)	
CTD CAST	LATITUDE	*	LONGITUDE		GMT DATE (note if not)	ot)	GMT Time	SURFACE TEMP		HAUL#	STN.
# (collsec.)	DEG N	MIN	DEG	NIM	DAY	MO \	YR HR MIN	2	DEFIR (III)		NAME/ID
30	83	59,7 53 N	七91	D- 7905 W	1 3 5	E P 1	5202	2.8	32	_	30
Sensor IDs	(Initially &	Swap-outs)		Weather: 🛵 🤊	, light	+	Pin		CTD Max Depth	= 2	7
SBE type and S/N	N			(Difficult conditions, factors that may affect measurements or aid processing)	ctors that may	/ affect mea	surements or aid p	rocessing)			
PRESS S/N				Comments:							
TEMP 1 & 2 S/Ns	\fs										
COND 1& 2 S/Ns	( <del>s</del>										
FLUOR S/N											
02 (SBE43) S/N	2										
Transmiss S/N											
PAR S/N											
02 (SBE42) S/N											
#	Depth	Rosette	Hydn	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large	РОС	Comments or	Ni t
7	Desired	Notes	SALT Btl#	NUT. Bti #	Volume	Volume		Volume	(500 ml)	Other Samples	NISA #
						• • • • • • • • • • • • • • • • • • •					
2											2
3						• • • • • • • • •					ω
4	30	77		77	250		250				4
C)											С
6											6
7											7
œ											&
9											9
10	26	٩		76	250						10
											11
12	0	7		75	250	250					12

	0											
YEAR: 2015	)15		CRUISE ID: ATIC	ATIC	PRC	PROJECT: /	N\$ 5		CTD FILENAME:		EIS_CM	CTD031
VESSEL:	VESSEL: Alaskan Endeavor	VOF		160	LEG:	7			(None if	(None if data is live feed)		
CTD CAST	LATITUDE		LONGITUDE		GMT DATE (note if not)	ot)	GMT Time	SURF	SURFACE TEMP		# HAUL	STN.
# (consec.)	") DEG	MIN	DEG	MIN	DAY	MO YR	돐	<u>N</u>	()	טברות (m)		NAME/10
31	63	59.932 8N	166	M 2482.0	5 h 1	1 9 J	105	1 2 .	7.3	22		5 /
Sensor IDs	=	Swap-outs)		Weather: らら	1:56+	Zi.				CTD Max Depth	epth =	7
SBE type and S/N	N/S Pi	t !		(Difficult conditions, factors that may affect measurements or aid processing)	ctors that may	affect measi	rements or ai	id processing	)			
PRESS S/N				Comments:					9			
TEMP 1 & 2 S/Ns	S/Ns							T.				
COND 1& 2 S/Ns	S/Ns											
FLUOR S/N	1											
02 (SBE43) S/N	N/S											
Transmiss S/N	N											
PAR S/N				19								
02 (SBE42) S/N	N/S											- 31
Allek #	Depth	Rosette	Hydr	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large	nge	<u></u> 중	Comments or	
1	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	Volume	Volume	Volume		(500 ml)	Other Samples	les NISK #
-												
2										:		2
ω												ω
4												4
Ç												v
6												6
7												7
œ												8
9										·		9
10	20	ナ	254	<b>b</b> t	250				i	i		10
12	0	4	<b>3</b> 23	8 F	250	250						12

	0									0	
YEAR: 2015	015		CRIJISE ID:		PR	PROJECT: /	NBS	СТВ	CTD FILENAME:	5	70077
VESSEL:	VESSEL: Alaskan Endeavor	vor		AEIS	LEG:	G: Z		(Non	(None if data is live leed)		1
CTD CAST	ST LATITUDE		LONGITUDE		GMT DATE (note if not)	E ot)	GMT	SURFACE TEMP	MP BOTTOM	#	STN.
# (consec.)	DEG	MIZ	DEG	MIN	DAY	MO YR	풄	MIN	טברוח (זוו)		ואאוני וט
32	ь9	Ng 254, 20	164	£202:04	5 h 1 m	E P 1	5 2 1	7.7	20	,	72
Sensor IDs	lDs (Initially &	Swap-outs)		Weather: 🕫	partly cland	you			CTD Max Depth	= /	6
SBE type and S/N	nd S/N			(Difficult conditions, factors that may affect measurements or aid processing)	, factors that may	y affect meas	urements or aid	d processing)		i i	
PRESS S/N				Comments:							
TEMP 1 & 2 S/Ns	S/Ns	į									
COND 1& 2 S/Ns	S/Ns										
FLUOR S/N	1	N. T.									
O2 (SBE43) S/N	) S/N										
Transmiss S/N	N/S										
PAR S/N											
02 (SBE42) S/N	) S/N										
Nick #	Depth	Rosette	Hydn	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large	POC	Comments or	Nick #
# ACIA	Desired	Notes	SALT Bti #	NUT. Bti #	Volume	Volume	Volume	Volume	(500 ml)	Other Samples	And other
-											
2											2
ω			1								ω
4											4
ъ											ر د
6		:									ტ
7											7
8											89
9											9
10	20	16		81	750						10
11											
12	0	-		\$0	USU	150	250			i	12

					(					(	
YEAR: 2015 VESSEL: Ala	YEAR: 2015 VESSEL: Alaskan Endeavor	vor	CRUISE ID:	AEIS	PRO.	PROJECT: $NB$ LEG: $-$	8 5	CTD F	CTD FILENAME: $\mathcal{AE}$ , (None if data is live feed)	5	CTD033
CTD CAST	ST LATITUDE		LONGITUDE		GMT DATE (note if not)	£	GMT Time	SURFACE TEMP	MP BOTTOM	UL #	STN.
# (consec.)	DEG	MIN.	DEG	NIM	DAY	MO YR	HR MIN		DEF 111 (III)		֓֞֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓
2 8	h9	N 6546-50	163	4010:05	w 155	EP15	010	4.0,0	21	1	23
Sensor	Sensor IDs (Initially & Swap-outs)	Swap-outs)		Weather: wostly		Lunny	•		CTD Max Depth =		7
SBE type and S/N	nd S/N	8		(Difficult conditions, factors that may affect measurements or aid processing)	factors that may	affect measure	ements or aid pr	ocessing)			
PRESS S/N				Comments:							
TEMP 1 & 2 S/Ns	2 S/Ns										
COND 1& 2 S/Ns	2 S/Ns										
FLUOR S/N											
02 (SBE43) S/N	) S/N										
Transmiss S/N	N/S										
PAR S/N											
O2 (SBE42) S/N	) S/N										
Nisk #	Depth Desired	Rosette	Hydr	Hydro Team-PMEL	GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup)	POC (500 ml)	Comments or Other Samples	Nisk #
	The second second							VOILIN			- 1
-										140000000000000000000000000000000000000	
2						_		-			2
ω											ω
4	_									(	4
Ŋ											(J)
6											6
7											7
8		88									8
9											9
10	20	17		83	250						10
11							,		4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5		
12	0	2	255	22	250	150					12

					(							
YEAR: 2015	YEAR: 2015 VESSEL: Alaskan Endeavor	vor	CRUISE ID: AEIS	ACIS	PROJ	ECT:	, 72 V		CTD FILENAME: $A \subset C$	ME:	15	CTBOSY
CTD CAST	LATITUDE		LONGITUDE		GMT DATE (note if not)	ot)	GMT	SURFACE TEMP	E TEMP BO	воттом	HAUL #	STN.
# (collsec.)	DEG	MIN	DEG	MIN	DAY	MO Y	YR HR №	MIN		בברוח (ווו)		NAME/ID
75	64	N tobb-50	162	10005.05	s 5 1 M	103	4 h 0 5	91 8	0,2 2	22	1	78
Sensor IL	Sensor IDs (Initially & Swap-outs)	Swap-outs)		Weather: 🗠	MUSFLY	buels	γb			CTD Max Depth =	oth =	8
SBE type and S/N	N/S p			(Difficult conditions, factors that may affect measurements or aid processing)	actors that may	y affect meas	urements or aid	processing)				
PRESS S/N				Comments:								
TEMP 1 & 2 S/Ns	S/Ns											
COND 1& 2 S/Ns	S/Ns											
FLUOR S/N												
02 (SBE43) S/N	S/N											
Transmiss S/N	<b>2</b>				,*							
PAR S/N				24								
02 (SBE42) S/N	N/S											
	Depth	Rosette	Hydi	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large	POC	n	Comments or	
NISK #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	Volume	Volume	(aup) Volume	(500 ml)	0.01	Other Samples	es Nisk #
-1				,		à		<u>:</u>				-
2						Ç4						2
ω											4444444	3
4						*				1		4
G												5
ര								,				6
7					7.							7=
σ												æ
9					**************************************							9
10	20	ā		58.	250							10
1					3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5							11
12	O	7		P 9	950	250						12

											(	
YEAR: 2015	)15		CRUISE ID:	¥ L1 <<	PRO	, CI	58N		CTD FILENAME:	ENAME:	15	CTD035
AEGGEC.	VESSEE. AIdSKAIT ETIUGAVOI	i voi		700	GMT DATE	1	I CMT	-	(140110	(Notice in data is like seed)	(20)	
CTD CAST	ST LATITUDE		LONGITUDE		(note if not)	) <del>,</del>	GMT	SURF	SURFACE TEMP		HAUL #	STN.
# (collsec.)	DEG	MiN	DEG	NIM	DAY	MO YR	HR	NIN	(0)	בי ווו (ווו)		ואלויוני/ ול
58	h9)	30.3(50 N	166	59.8442 W	155	EP 19	5170	098	2	27	1	25
Sensor	Sensor IDs (Initially &	Swap-outs)		Weather: parrly	y cloudy	84			,	CTD Max Depth =	epth =	22
SBE type and S/N	nd S/N			(Difficult conditions, factors that may affect measurements or aid processing)	ctors that may	affect measu	rements or ai	d processing				
PRESS S/N				Comments:								
TEMP 1 & 2 S/Ns	SN/S											
COND 1& 2 S/Ns	S/Ns											
FLUOR S/N												
02 (SBE43) S/N	) S/N		k									
Transmiss S/N	S/N								6			
PAR S/N												
02 (SBE42) S/N	) S/N						,				:	
Niet #	Depth	Rosette	Hydr	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large		POC	Comments or	or Nick #
NSK #	Desired	Notes	SALT Btl #	NUT. Bti #	ā	Volume	Volume	Volume		(500 ml)	Other Samples	
1												
2												2
ω												ω
4			7 2 3						j			4
ហ												5
თ												6
7			-									7
89												8
9												9
10	20	22	250	48	250		_					10
11								5 5 5 5 5 6 6 7 8 8				11
12	0	7		€6	250	250						12

YEAR: 2015 VESSEL: Alaskan Endeavor	Ör	CRUISE ID:	AEIS	PROJ	ECT:	NBS	(No.	CTD FILENAME: A	EJS_CTDO3G feed)	Ö
CTD CAST LATITUDE		LONGITUDE		GMT DATE (note if not)	ot) '''	GMT Time	SURFACE TEMP		, HAUL#	STN.
# (consec.)	MIN	DEG	MIN	DAY	MO YR	HR	MIN (C)	DEPTH (m)		NAME/ID
36 65	N 2051.0	167	8291-54	N 122	EP 15	5 23 2	5-3	36	1	N
lDs (Initially &	Swap-outs)		Weather: Portly		cloud >			CTD Max Depth =		7
SBE type and S/N			(Difficult conditions, factors that may affect measurements or aid processing)	factors that may	affect measu	rements or aid	processing)		! !	
PRESS S/N			Comments:							
TEMP 1 & 2 S/Ns		ľ,								
COND 1& 2 S/Ns	000									
FLUOR S/N										
02 (SBE43) S/N										
Transmiss S/N										
PAR S/N										
02 (SBE42) S/N										
Nisk # Depth	Rosette	Hydn	Hydro Team-PMEL		>10 Large	GFF (dup)	>10 Large	РОС	Comments or	۲
Desired	Notes	SALT Btl #	NUT. Btl #	Volume	Volume	Volume	Volume	(500 ml)	Other Samples	83
					***************************************					
2										
ω ,										
4 30	3		90	2.50						
UT .										
<b>6</b>										
7	1									
8	:									
9								# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
10 Lo	21		89	150		150			=	
=								· · · · · · · · · · · · · · · · · · ·		
			70	450	250					

YEAR: 2015 VESSEL: Ala	YEAR: 2015 VESSEL: Alaskan Endeavor	VOT	CRUISE ID: AE(S	AEIS	PROJ	ECT: ,	NBS		CTD FILENAME: $\mathcal{A} \not\subset \mathcal{S}$ (None if data is live feed)	1	-450 OT
CTD CAST	ST LATITUDE	:	LONGITUDE		GMT DATE (note if not)	ot)	GMT Time	SURFACE TEMP	E TEMP BOTTOM	OM HAUL #	STN.
# (consec.)	DEG	MZ	DEG	MIN	DAY	MO YR	HR M	MIN	י) טברוח (וווי)	(III)	WANE/ID
45	59	111-75 N	401	8244.65	S 9 1 M	EP 15	0 4 0	7 6.3	3 39	1	37
Sensor IDs	lDs (Initially &	(Swap-outs)		Weather: স্থ	41-150 W	SUNNY	Ì		CTD M	CTD Max Depth =	4
SBE type and S/N	n/S bn			(Difficult conditions, factors that may affect measurements or aid processing)	actors that may	affect measu	rements or aid	processing)			
PRESS S/N				Comments:							
TEMP 1 & 2 S/Ns	S/Ns										
COND 1& 2 S/Ns	S/Ns			•							
FLUOR S/N											
O2 (SBE43) S/N	) S/N										
Transmiss S/N	S/N										
PAR S/N											
02 (SBE42) S/N	) S/N										
	Depth	Rosette	Hydr	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large	РОС	Comments or	
NISK #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	Volume	Volume	(oup) Volume	(500 ml)	Other Samples	ples Nisk #
-1											
2	34	34	757	93	250						2
ω											ω
4	30	30			محم			,			4
G											ъ
бı											o
7											7
8											œ
9											9
10	20	21		9/2	250						10
==			-								
12	0	6		11	250	250					12

											0	
YEAR: 2015 VESSEL: Ala	YEAR: 2015 VESSEL: Alaskan Endeavor	avor	CRUISE ID:	AEIS		PROJECT: /	NBS		CTD FIL	CTD FILENAME: $A \in \mathcal{N}$ (None if data is live feed)	eed)	20028
CTD CAST	T LATITUDE		LONGITUDE		GMT DATE (note if not)	TE not)	GMT Time	S	SURFACE TEMP		HAUL #	STN.
# (collsec.)	DEG	MIN	DEG	MIN	DAY	MO	YR HR	<u>M</u>	( )	טבר ווו (ווו)		֓֞֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓
38	りって	57.3195 N	1/49	8.6 77	w   [6] \$	SEPI	515	0	4.7	48	1	8
Sensor IDs	Ds (Initially &	(Swap-outs		Weather:			,			CTD Max Depth =	epth =	26
SBE type and S/N	N/S pr			(Difficult conditions, factors that may affect measurements or aid processing)	factors that m	ay affect me	asurements o	r aid proces	sing)	-		
PRESS S/N				Comments: (	DB025: SFI	11:45	00	Oark.				
TEMP 1 & 2 S/Ns	S/Ns					-	,		,			
COND 1& 2 S/Ns	S/Ns			200	,	1		2	to Rod	9789	1	
FLUOR S/N				-	Deep	טטנ		3	-			_
02 (SBE43) S/N	N/S (					<b>-</b> .	S S					
Transmiss S/N	§ N		į	}-	-C.							
PAR S/N												
02 (SBE42) S/N	N/S (											
	Depth	Rosette	Hydi	Hydro Team-PMEL	GFF	>10 Large	e GFF (dup)		>10 Large	POC	Comments or	
NSX #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	11107			Volume	(500 ml)	Other Samples	es inion in
	. is							• • • • • • • • • • • • • • • • • • •				
2	40	1 4 1		96	250							2
ω								† † † † † † † † † † † † † † † † † † †				ω
4	30	30		2)	250							4
Ų								D D D D				5
6					1							6
7												7
8												œ
9												9
10	20	20		95	250						:	10
11												
12	0	۲		94	250	250						12

YEAR: 2015 VESSEL: Ala	YEAR: 2015 VESSEL: Alaskan Endeavor	VOL	CRUISE ID:	AEIS	PRO.	ECT:	NBS	CTD	CTD FILENAME: $A \in S$	1	C+10039
CTD CAST	LATITUDE	:	LONGITUDE		GMT DATE (note if not)	E ot)	GMT Time	SURFACE TEMP	BOTTOM	# HAUL	STN.
# (consec.)	DEG	MIN	DEG	NIM	DAY	MO \	YR HR №	MIN	DEFIN (III)		NAME/ 10
98	104	N 00 H 75	العا	53.6131 W	1 6 5	1 d3	1 7 4	1 5:1	48	1	38
Sensor II	IDs (Initially &	Ş		Weather: Mostly	7	cloudy			CTD Max Depth	11	43
SBE type and S/N	d S/N			(Difficult conditions, factors that may affect measurements or aid processing)	actors that may	y affect mea	surements or aid	processing)		4	
PRESS S/N				Comments:	ロのロ	7,4					
TEMP 1 & 2 S/Ns	S/Ns			-		-					
COND 1& 2 S/Ns	S/Ns										
FLUOR S/N											
02 (SBE43) S/N	S/N										
Transmiss S/N	2										
PAR S/N											
02 (SBE42) S/N	S/N	2									
	Depth	Rosette	Hydi	Hydro Team-PMEL	GFF	>10 Large	GFF (dup)	>10 Large	PQC	Comments or	
NISK #	Desired	Notes	SALT Btl #	NUT. Bti #	Volume	Volume		(oup) Volume	(500 ml)	Other Samples	is indicated
1	SH	43		100							
2	40	39		79	250	- 63		- 1			2
3											3
4	30	ا کو			250						4
5									· · · · · · · · · · · · · · · · · · ·		5
ര											6
7											7
œ											8
9											9
10	20	20		98	250						10
11		·									11
12	O	7	258	40	250	250					12

							1					
YEAR: 2015	15		CRI IISE ID:	7		PROJECT:	NRS		CTD FIL	CTD FILENAME: A	AE15_ cre	0400
VESSEL: /	VESSEL: Alaskan Endeavor	IVOr		MEW		LEG: 2			(None i	(None if data is live feed)	eed)	
CTD CAST	T LATITUDE		LONGITUDE		GMT DATE (note if not)	ATE f not)	GMT		SURFACE TEMP		HAUL #	STN.
# (consec.)	DEG	MIN	DEG	MIN	DAY	МО	YR HR	MIN	(0)	מברוח (ווו)		NAME/ ID
Oh	100	40-2696N	169	55.3473	W   6	SEP	1520	1 7	2,9	48	1	40
Sensor II	₹	& Swap-outs)		Weather: Mo	MoSAY	chady	20	194		CTD Max Depth	epth =	5
SBE type and S/N	N/S P			(Difficult conditions, factors that may affect measurements or aid processing)	, factors that I	may affect m	easurements	or aid proce	ssing)	;		
PRESS S/N	1			Comments:								
TEMP 1 & 2 S/Ns	S/Ns			)	9 )							
COND 1& 2 S/Ns	S/Ns	April 1		T	NAC L.	0						
FLUOR S/N												
02 (SBE43) S/N	N/S											
Transmiss S/N	2											
PAR S/N												
02 (SBE42) S/N	N/S											
	Depth	Rosette	Hydr	Hydro Team-PMEL	GFF	>10 Large	ge GFF (dup)		>10 Large	POC	Comments or	Or Nich #
NISK #	Desired	Notes	SALT Btl #	NUT. Btl #	Volume	- 100			Volume	(500 ml)	Other Samples	
-	43	43		105						4 8 4 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		
2	40	40		163	250		250					2
ω										# # # # # # # # # # # # # # # # # # #		3
4	30	30			250					=		4
5												5
മ												6
7												7
œ												œ
9									* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			9
10	20	20		102	250							10
11						4	• • • • • • • • • • • • • • • • • • •	) ) ) )		444110000000000000000000000000000000000	• • • • • • • • • • • • • • • • • • •	1.1
12	0	7		101	250	750						12

											C	
YEAR: 2015	15		CRI IISF ID:	7		PROJECT:	1065	<b>V</b>	СТД FI	CTD FILENAME:	E15_00	CTDOY!
VESSEL:	VESSEL: Alaskan Endeavor	IVOT	1	ACIO		LEG:	7		(None	(None if data is live feed)		-
CTD CAST	T LATITUDE		LONGITUDE		GMT DATE (note if no	GMT DATE (note if not)	<u> </u>	GMT Time	SURFACE TEMP		HAUL#	STN.
# (collect.)	DEG	MIN	DEG	MIN	DAY	MO	ΥR	HR MIN	V (C)	מבני יווי (יווי)	_	ָּבְּיִבְּיִבְּיִבְּיִבְּיִבְּיִבְּיִבְּי
7	7.9	N2024.04	169	1991.00	w 1 6	SEP	152	3 42	2 4.4	46	/	17
Sensor IDs	Ds (Initially &	(Swap-outs)		Weather:						CTD Max Depth	2pth =	
SBE type and S/N	N/S P			(Difficult conditions, factors that may affect measurements or aid processing)	s, factors tha	may affect n	neasureme	nts or aid p	rocessing)			
PRESS S/N				Comments:								
TEMP 1 & 2 S/Ns	S/Ns			7	J 18 0	7.7						
COND 1& 2 S/Ns	S/Ns				,	(						
FLUOR S/N												
02 (SBE43) S/N	N/S											
Transmiss S/N	N/N			21								
PAR S/N												
02 (SBE42) S/N	S/N					v	:					
	Depth	Rosette	Hydi	Hydro Team-PMEL	GFF	= >10 Large		GFF (dup)	>10 Large	POC	Comments or	
NSK #	Desired	Notes	SALT Btl#	NUT. Btl #	Volume			Volume	Volume	(500 ml)	Other Samples	31
<b>-</b>												
2	40	0	259	108	2.50							2
ω							) } }					ω
4	30	30		e e	250							4
и								111111111111111111111111111111111111111				5
6												6
7												7
œ												œ
9												9
10	w	20		107	250					i.		10
										4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		11
12	0			[06]	250	250			:			12

YEAR: 2015 VESSEL: Ala	YEAR: 2015 VESSEL: Alaskan Endeavor	vor	CRUISE ID:	AEIS		PROJECT: LEG:	7	NBS		CTD FILENAME: (None if data is	CTD FILENAME: (None if data is live feed)		AE15-CBO42
CTD CAST	LATITUDE		LONGITUDE		GMT (not	GMT DATE (note if not)		GMT Time	SURF,	SURFACE TEMP	MOLLOB	HAUL #	STN.
# (collect.)	DEG	MIN	DEG	MIN	DAY	MO	ΥR	HR N	MIN	( 0)	ביין (וווי)		ואלופור/ הלי ואלופור/ הלי
42	19	40,33°0 N	291	1576184	×	7 SEP	-	034	_	7.5	& ∞		42
Sensor IDs	s (Initially &	Swap-outs)		Weather: c	cloudy						CTD Max Depth	epth = 3	2
SBE type and S/N	N/S			(Difficult conditions, factors that may affect measurements or aid processing)	ons, factors th	iat may affec	t measuren	ents or aid	processing)				
PRESS S/N				Comments:					>	)	)		
TEMP 1 & 2 S/Ns	S/Ns										10 To 1	5	
COND 1 & 2 S/Ns	S/Ns				700	) )	N		, –	<		ا بى	
FLUOR S/N					ソシウ	(	Ù		. A	130	CTD	CTD profile	7.10
02 (SBE43) S/N	N/S								(			<	
Transmiss S/N	z												
PAR S/N													·
02 (SBE42) S/N	S/N				•								
Ziik H	Depth	Rosette	Нуd	Hydro Team-PMEL	G G	GFF >10	>10 Large G	GFF (dup)	>10 Large	E	POC	Comments or	Or Nick #
T AGIN	Desired	Notes	SALT Btl #	NUT. Btl #	Voi	Volume Vol		Volume	Volume		(500 ml)	Other Samples	
											111111111111111111111111111111111111111		
2	33			111	2	250	\						2
ω													ω
4	30	/			750	O'							4
5		/											СЛ
െ								:					6
7			$\setminus$	/									7
C8										_			œ
9													9
10	20			110	725	0							10
1 1											} } } } } } } } } }		11
12	0			109	150	N	5 <del>8</del> /			L			12