			<u> </u>	~			_			T	Nis	25		2	m	4	2	9	7	ω	<u>م</u>	10	11	12	
		STA. NAME/ID		H N O		1: NE						212													
		STA.		ن	MAX. DEPTH =	NORTH					dd dd	total											1		1
STATION NO.		DEPTH		2	MAX.	NON					产	Acid							1	ı,					
STAT	-	воттом бертн	(m)												1 1 1 1 1 1								1 3 1 1 1 1		
		WIN D SPD. B	(kts)		á	D STATION					Flow	Y dy					)	7						_	
	,	WIND	(deg)		SFC/Bottom Temp.	- 32B					FCM		1 1	1	7	7	)	)							
		Pressure	-		SFC/Bo	49	0				dod	1500 mJ									-				
:Name:		RH	(%)			(AST )					450	10 dap vol500 ml			1										
CTD FileName:		BULB	()			150 E				- +		1					7								
	7	DRY BULB	(°C)		OBS:	II.					2	O GEF		-7 (	د.	-2									
EG	R Lėg2	TIME (GMT)	HR MIN	1440	WEATHER OBS:	REMARKS:			-			) Large VolG <del>FF Du</del>													
PROJECT & LEG	AIERB		Ϋ́	1 7							_   g_	01 ×20		\	\	\	\	\							
PROJE	NPRB		MO	Sep							ਰ <u>ੋ</u>	GFF Vol		7	7	7	7	7	1000 000				N 25 -		
	ļ		DAY	0.≥								C/Alk													## 6
		-UDE	MIN	9			sec	nete		nosu	m-PMEL	O2-Btl.NDIC/Alk													786
SE 1D	OS 17-01	LONGITUDE		5-1-	-LUOR S/N	SBE43-Oxy (pri	SBE43-0xy (sec	Iransmissomete	PAR S/N	bz Tmp Senson	Hydro Team-PMEL	Nut.Btl O	782	283	78%	282	788	287		1 1 1 5 5 7					
CRUISE ID	05		DEG	7 N 1 6	<u> </u>	- 65 	SS L	<u> </u>	<u>₹</u> L L		£		7	(2)	,0	۵,	18	. 8							
		)E	-	00							tes	SALT	-												
		LATITUDE	Σ	(경) (명)							Rosette Notes											 			
	arr		DEG	78	+	. NS .	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SI	10.	RED	517	017	0	. 0	0	5.286		-	<u> </u>		i i		
VESSEL	Ocean Starr	CONSC CAST #		690	\$BE 9+	PRESS SN	PR! TE	SEC T	R C	≥ SEC C	Nis DEPTH	o. DESIRED			2	9 <sub>3</sub>	. ~	<del>-</del>	<del>  -</del>	8	6	10	11	12	
7.	ŏ			U						_ L	Ž	Š.		2	m	4	100	Τ ,	1 1	_ w	1	1 -	1 -	<u> </u>	

	-		2	40			Wallet Street Street				Nis	93	П	2	3	4	2	9	7	8	6	10	11	12	
		CTA MAME	7	CE	MAX. DEPTH =						PP	中国	>	>	>	1	>	>	7	>					
STATION NO.	i	HTGEO WOLLD	(m)	1	MAX						四十	Acid	>	>	8 5				>	>					
		NIW Cas					ST				TT See	S. S.													
		W ONIW			SFC/Bottom Temp.		ď	agover.			FCM												1		
		Or control	-		SFC/Bol		RODUCTIVITY				<b>d</b> od	-vol500 mi													
CTD FileName:		1	+								956	V-10 dup													
CTD F		a :: a > a c			ij		CIMBUL			-	25	-									1		3		
EG	R Leg2		12	1438	WEATHER OBS:	REMARKS:			-			> <b>1</b> 0 Large Vol <b>GEF-D</b> u										. 10			
PROJECT & LEG	NPRB AIERB		MO	9	_		<u></u>	-			Chloro	GEF Vol											2		-
PR	Š		DAY	- "																					
			MIN	12 12		(pri	(sec	mete		nosu	ım-PMEL	O2-Btl.NDIC/Alk													
CRUISE ID	OS 17-01	HOLLEGACO	DEG	63	FLUOR S/N	5BE43-0xy (pri	SBE43-0xy (sec	Transmissomete	PAR S/N	D2 Tmp Senson	Hydro Team-PMEL	Nut.Bt C													
Ö	0		-	L-S							<u></u>	SALT				1									
		- Adil Entry		9							Rosette Notes	*													
	Starr	Ų#	# DEG	373	SBE 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SI	DEPTH RO	DESIRED	30	38	30	2	0	2	SURF	Suce					
VESSEL	Ocean Starr	CONSC	5	9	SBE	P.R.	<u> </u>		P. P.	<u>K</u>	Nis	No.		2	m	<u> </u>	r.	9	_	8	6	10	11	12.	-

NPRB   AERB   Lég2   Lég2   Lég2   Lég3	13		П	R	UISE ID	CRUISE ID		ROJECT &	PROJECT & LEG	СТО	CTD FileName:				STATION NO.		
TIME	Dcean Starr OS 17-01	OS 17-01	OS 17-01	5 17-01	1		Z	H									ľ
TIME   No. YR   HR   MAIN   No.	1	*/	1	1	1	1	7							2			1
S   E   D   T   S   T   T   T   T   T   T   T   T	LATITUDE		LONGITUDE	LONGITUDE	GITUDE				TIME (GMT)	DRY BULB	$\neg$	Pressure			ТОМ БЕРТН	STA. NAME/ID	
Se p 17  3  7	DEG MIN DEG MIN	DEG			MIN		DAY		H		(%)	(qm)		ts)	(m)		
NEATHER OBS: SFC/Bottom Temp. MAX. DEPTH= REMARKS: Tollow up "Repal" Cast © CH ND4  SLO Large VolGEF Dup V-10 dup V   Ston m  Cam Acid total Repal Cam Acid	47229.50N16330.79W	. 50 N 1 63 30. 79W	16330.79w	30.79w	. 79 W	>	29	e D 1	76						147	ロマエリ	4-
REMARKS: Follow up "Real" CAST @ CH NOY  PLO Large VolGET Dup V-18 dup V (500 ml Cam Acid total Rich  Cam Acid tot	SBE 9+	FLUOR S/N	FLUOR S/N	FLUOR S/N	Z.			1	WEATHER OF	BS:		SFC/B	ottom Temp		MAX	DEPTH =	
PID Large Vo GET-Dup VY-10 depty (500 ml Com Acid total Rife)	PRESS SN SBE43-0xy (pri	SBE43-Oxy (pri	SBE43-0xy (pri	SBE43-Oxy (pri	xy (pri				REMARKS:	Fo (6	d o	REAL		PJ.	104		- 1
PLAN FAIL FOR FORM ACID LAND REAL PROPERTY OF THE PROPERTY OF	PRI TEMP SN SBE43-0xy (sec	SBE43-Oxy (sec	SBE43-Oxy (sec	SBE43-Oxy (sec	xy (sec										-		- 1
PLANE FILE FOR FILE FAIL FR	SEC TEMP SN Transmissomete	Transmissomete	Transmissomete	Transmissomete	ssomete												- 1
25 GFF POP FCM Flow Early PP PLO Large VolGFE-Dup V-20 dup-v (500 ml Cam Acid tubul 252)		PAR S/N	PAR S/N	PAR S/N					-							The second secon	
PLOT Large Vol GEE Eugh V-10 durp ve 16 ou miles and many large an	SEC COND Sh D2 Tmp Senson	D2 Tmp Senson	D2 Tmp Senson	D2 Tmp Senson	Senson			1			**						- 1
PLO Large VolGEF Dup Ve 10 dup Ve 1800 ml  Com Acid total River  C	DEPTH Rosette Notes Hydro Team-PMEL		Hydro Team-PMEL	Hydro Team-PMEL	eam-PMEL			Chloro		25	GFF	фод	FCM	76 [L	造		11 ===
	DESIRED SALT NUT.Btl O2-Btl.NDIC/AIK	Nut.Btl	Nut.Btl			/Alk	0	$\overline{}$	20 Large Vol	┻╢	/>-10 dup-	ve[500 m]		W S	Acid		- 67I
	43	288	\$88	288 288		1			9 2 3 3 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9								
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			STA. NAME/ID	0 2 1 1	MAX. DEPTH =						PP	中国									***************************************				
STATION NO.			BOTTOM DEPTH	143	MAX.						小型	Acid													
				)							How.	3		>					1				1		
		WIND D	DIRN. SPD.		ım Temp.						FcM				_		\								
		<del></del>	—		SFC/Bottom Temp.						dod	lm 0		>	۷	>	7	_							
ē:			Pressure (mh)		>1							np-vol50													
CTD FileName			RH (%)		C SNOW					- <del> </del>	GFF	V> 10-dup-v   1500 ml							1				*		
<u>CT</u>			DRY BULB	1,77	BS: Sowe						25			>		>					3 3 9 9 1 1 1 1 1				
EG	RB Leg2	TIME	(GMT)	1 . L	WEATHER OBS:	REMARKS:						20 Large VolGEF Du	2 1 3 3 1 1 1 1 1 1 1 1							520		:			
PROJECT & LEG	NPRB AIERB		WO VE	.70		 					Chloro	GFF Vol		5	<u> </u>	>	>			-					
<u>d</u>	Z		>	2 2																-			1		
			LONGITUDE	3 . 7 . 80		v (pri	/ (sec	omete		enson	Hydro Team-PMEL	02-Btl.NDIC/Alk	311				1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		**************************************						
CRUISE ID	05 17-01		FONG LONG	6 53	FLUOR S/N	SBE43-0xy (pri	SBE43-0xy (sec	Transmissomete	PAR S/N	D2 Tmp Senson	Hydro Te	Nut.Btl	294	245	296	297	290		1						
Ō	0		$\dagger$	12 12 12			<u></u>				Un.	SALT							j 1 1 1 1 1 1 1						
			LATITUDE	28			2	z	2	J.	Rosette Notes														
	Starr	U	#	N N	5BE 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SP	DEPTH R	DESIRED	3.9	30	000	2	502F								
VESSEL	Ocean Starr	CONSC	CAST	00	SBE	<u></u>	<u></u>	<u> </u>	<u>R</u>	<u> </u>	Nis	No. DE	1	2	m	4	5 6	9	7	8	6	10	11	12	

CCAST # CAST	VESSEL	CRUISE ID	PROJ	PROJECT & LEG	CTD FileName:	Name:			STATION NO.	
TIME	an Starr	05 17-01	NPRB	AIERB						
STATUDE   CONCINUDE   CONCIN			7					NIW		
DEG   MIN   DEG   MIN   DAY MO   YR   HR   MIN   (***)   (**	CAST # LATITUDE	LONGITUDE			RY BULB		<del>- i</del>	SPD.	зоттом DEPTH	STA. NAME/ID
FEE 54   9   9   9   9   9   9   9   9   9				YR HR	(°C)				(m)	
PEES SIN	67229.9	5 16012.	5 8 3 8 e	1 7 19	0					CHNO
Person   P	SBE 9+	FLUOR S/N	:	WEATHER OBS			SFC/Bottom T	emp.	MAX	
Sec Tendo Side   Para Service   Pa	PRESS SN	BBE43-0xy (pri	4 112	REMARKS:	PET		שושחס			
Sec Team S N	PRI TEMP SN	SBE43-0xy (sec						_		
PATTAL         PART SATURATION STATE OF THE PROPERTY OF THE PR	SEC TEMP SN	Fransmissomete								
SEC COND St.         De Timp Senson         Chique         75         GFF         Pop Pack         Fight         FP           Digram         Mosette Notes         Hydro Team-PMEL         Chique         75         GFF         Pop Pack         Fight         FP           JA         H2	PRI COND SN	PAR S/N								
DePTH Rosette Notes         Hydro Team-PMEL         Chloro         75         GFFP         POP         FCAN	SEC COND SI	02 Tmp Senson								
PESIRED   SALT   MALBE!   O2-881 M DIC/ANK   SFF Vol   200 Large Vol GEF-Dup VY-10-040p-V   SOO m1   Com Acid by Sept.   Sep	ОЕРТН	Hydro Team-PM			X	Li Li U		1		
42 42 42 43 42 43 44 43 44 44 45 46 47 47 47 48 48 48 48 48 48 48 48 48 48 48 48 48		170 47.74	710,011.			1	+	T		5,26
43. 42. 43. 53. 53. 10. 40. 50. 50. 50. 50. 50. 50. 50. 5	DESIKED	NUT.BU		Noi Par Large voi	en ii			5		- F. Car
7.7 7.2 7.3 7.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	73						-	1		\ \ \
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			81			) 1 1 1 1 1 1 1	1			

VESSEL	CRUISE ID	PROJECT & LEG	LEG	CTD FI	CTD FileName:			STATION NO	0.	
Ocean Starr	05 17-01	NPRB AIE	AIERB Leg2							
			1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
CONSC CAST # LATITUDE	LONGITUDE		TIME (GMT) D	DRY BULB	RH Pre	W Pressure DI	WIND D DIRN. SPD.	BOTTOM DEPTH	H STA. NAME/ID	IE/ID
DEG	DEG MIN DAY	Y MO YR	HR MIN	(°C)	(%)	p) (qm)	(deg) (kts)	(m)		
0677229.728	116012.7793	0 A US 1 7	9089	•				-3	47 CHNOG	9
SBE 9+	FLUOR S/N		WEATHER OBS	ö		SFC/Bottom Temp.	m Temp.	2	MAX. DEPTH =	
PRESS SN	SBE43-Oxy (pri		REMARKS:	F01(02)	00-00	"Normel"	0" (AST	- W/ EXTIGN	BOTTLE	
PRI TEMP SN	SBE43-0xy (sec		the second secon	Foil	MOR?	WATER	- 1	paevious	PP CAST	
SEC TEMP SN	Transmissomete							-		
PRI COND SN	PAR S/N		-							
SEC COND SI	D2 Tmp Senson	İ		= +						
Nis DEPTH Rosette Notes	Hydro Team-PMEL	Chloro		7	GFF	dod	FCM F	Flow Filty	ه	ž
No. DESIRED SALT	T Nut.Bti O2-Bti.NDIC/Alk	GFF Vol	>20 Large VolGEF_Du		4>-10-dap-vol500 mi	1500 ml	<u> </u>	Gam Acid	क्षा है	93
1 42	300	>	(	\	>	\ \ \		1		1
2 gB										2
3 42										3
30	30/	>	\	\	\	7				4
2 3						1	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			2
900	250	\				>				9
7   0	33	7				>				7
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11 5080	8303		7		>	/		\ \	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11
12						1	To the state of th			12

			<u></u>	0/1							Nis	9	1	2	м	4	5	9	7	00	6	10	11	12	
			STA. NAME/ID	7	MAX. DEPTH =				34.00		PP	山山 流							■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ 和 PP P						
STATION NO.			BOTTOM DEPTH	9	MAX.		1.00				个地	Acid								:					
				<u></u>							日	Sam							111111111111111111111111111111111111111						
:		MIW WIN	-	(neg)	m Temp.						FCM				_	\			\						
		<del></del>			SFC/Bottom Temp.						dod	Ju 00		7	7	7	7	7	7						
ne:			Pressure								14	V> 10 dup v   1500 ml													
CTD FileName:				9,						- 4	GFF	\$ 0T 4.7												•	
CTE			DRY BULB		is					ı	2	SEE DA													
	Leg2		ŒΨ	3 43	WEATHER OBS:	REMARKS:						20 Large VolGEE-Du								82					
& LEG	AIERB	F	+	7 7	WEA	REM	34		31	1		20 CS				1		: : : :	-						
PROJECT & LEG	NPRB		$\vdash$	15 4 %				4	ł		Chloro	GFF Vol		7	7	)	7	7	Ź						
			2															1				t 1 1 1 1 1			
:			JOE	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1	=	ا اور	etr		on	-PMEL	Nut.Btl   O2-Btl.N   DIC/Alk													
QI :	7-01		LONGII	N N	FLUOR S/N	SBE43-Oxy (pri	SBE43-0xy (sec	Transmissomete	PAR S/N	D2 Tmp Senson	Hydro Team-PMEL	.Btl  02-	304	305	306	307	300	309	310		_		_		
CRUISE ID	OS 17-01		(		Ĭ	<u> </u>	SBE	La La	₽ A A	D <sub>02</sub>	Hyc		a W	8	W	Ö	3	2	m	? ! ! !				1 1 1 1 2 3 3	-
				0							tes	SALT													
			LATITUDE	20							Rosette Notes		ja i	 						7 1 1 1 1 1				: : : : :	
	tarr		_	6878	1	S SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SI	_	IRED		52	40	30	20	0	2006					! !	
VESSEL	Ocean Starr	CONSC	CAST #	890	SBE 9+	PRESS SN	PR I	SEC	<u>%</u>	SEC	Nis DEPTH	No. DESIRED	10	70		<del> </del>	-	-		8	6	10	11	12	

CONSC CAST#  CAST#  Di  SBE 9+  PRESS SN		OS	7		_										
+ 10			S 17-01		NP	NPRB AIE	AIERB Leg2								
<del></del>	FFA		ONO.	aci rija			TIME	3 2 2 2	1	C	WIND	NIM	UTGGC MOTTOG	CTA NAMEJID	<u> </u>
SBE 9+	DEG MIN		DEG	MIN	DAY	MO YR	HR MIN	$\overline{}$	(%)	(mb)			(m)	CN CIT	<u>֓</u>
SBE 94 PRESS SI	33.3	Z	LA	2 88 8 8	3	100	-		- N				1/201	CEN	00
PRESS SI			FLUOR S/N	_			WEATHER OBS:	BS:		SFC/B	SFC/Bottom Temp.	ا يد	MA	MAX. DEPTH =	
	7		SBE43-0xy (pri	y (pri			REMARKS:								
PRI TEMP SN	NS o		5BE43-0xy (sec	y (sec		1			de dessertit et a especial de la companya de la com						
SEC TEMP SN	P SN		Transmissomete	omete											
PRI COND SN	NS Q		PAR S/N			}									
SEC COND SP	ID Sh		D2 Tmp Senson	enson					- ÷						
Nis DEPTH	Rosette Notes		Hydro Te	Hydro Team-PMEL		Chloro		25	GFF	dod .	FCM	17	在	8	Nis
No. DESIRED	à	SALT	Nut.Btl	02-Btl.NDIC/Alk		GFF Vol	<b>21</b> 0 Large Vol	GEF Due	<del>√&gt;10 dap </del> √	-ve 500 ml		3	Acid	total &	93 1
1 300	>	21	3	289								1			٢
2 300	\		312												2
3 100	`		313												3
4 75	\ \ \		3/4								>				4
5 60	Ch/MXX		315			>					>				5
9			3/6							2 - 2 - 1					9
a 1 2	/		317						1						7
8	>		3/2			\			y		>				8
9 30	)		319				1								6
10 10	7		320			- 20				- 1	>			:	10
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12 SURF	Fines B	DE BARE	ادي												112
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VESSEL		CRUISE ID	PROJECT & LEG	LEG	CTD FileName	Name:			ST	STATION NO.		ī
Ocean Starr		OS 17-01	NPRB AI	AIERB Leg2								_
					_			, , , , , , , , , , , , , , , , , , ,				
CONSC CAST #	LATITUDE	LONGITUDE		TIME (GMT) DRN	DRY BULB	RH Pre	M Pressure D	WIND D DIRN, SPD.		воттом рертн	STA. NAME/ID	
DEG	$\vdash$	DEG MIN	DAY MO YR	HR MIN	(°C)	) (%)	) (qm)	(deg) (kts)		(m)		-
07072	202.39 K	15708 605W	015ep17	0139						243	CH MOS.	7
SBE 9+		FLUOR S/N		WEATHER OBS:		-	SFC/Bott	SFC/Bottom Temp.		MAX. DEPTH	EPTH =	T
PRESS SN		SBE43-Oxy (pri		REMARKS:	200	5-02-20-2	ZQ	69 5	300	777		
PRI TEMP SN	NS	SBE43-Oxy (sec									The state of the s	
SEC TEMP SN	SN	Transmissomete										
PRI COND SN	NS	PAR S/N		*								-
SEC COND Sh	SP	22 Tmp Senson			-+							$\overline{}$
Nis DEPTH	Rosette Notes	Hydro Team-PMEL	Chloro	٨	N	GFF	Pop	FCM	Flow	造	2	Nis
No. DESIRED	SALT	Nut.Btl   02-Btl.NDIC/Alk	GFF Vol	>10 Large VolGEF-Du	<u> </u>	V> 10 dap vql500 ml	500 ml		Wig	Acid 4	100 100	93
1 833		323				\$ \$ 1						
2 200	44											7
3 100		334		4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								т
4 75		395						g I				4
5 50		326										Σ.
04 9		327	\ 					>				9
7 36		398					1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			7
8 20	Chl wax	339	>	,				>				ω
01 6		330	>					>				6
10 5017	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	331	>					>	,			2
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		CTA NAME/ID	טוא. ואפוני	CHM DS	MAX. DEPTH =						8	zi2 111	total da							2 5 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8						
STATION NO.		HEAST MOTTOG	(m)	0	MAX						111		Acid				1		:							
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		NIW ONIW		1 1	SFC/Bottom Temp.						870		:	1		1						96				
			(mb)		SFC/Bott						POP	┿	E													
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CTD FileName:		٥	$\perp$							- <del>}</del>	יני	5				-								,	•	
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	Leg2	TIME	MIN	2 3	WEATHER OBS:	REMARKS:			-		:	3	ZIO Large Vol <b>GEL DE</b>													
& LEG	AIERB	F 5	YR 5	7	WEA	REM	28						a A	-												
PROJECT & LEG	NPRB		MO	۵					İ		Chlor	A	GFF Vol													
			DAY	0 1								Т											: : : :			
		<u> </u>	MIN	. 664 ₩		· · · · · · · · · · · · · · · · · · ·	ec	etí		no	-PMEL		OZ-Bti.NDIC/AIK								6 6 1 1	349				
Q	7-01		MIN	37	FLUOR S/N	SBE43-0xy (pri	SBE43-Oxy (sec	Transmissomete	N/S	p2 Tmp Senson	Hvdro Team-PMEL	:	- 11	332	333	334	335	336	337	338	339	3403	_			
CRUISE ID	OS 17-01		DEG	12	FLUC	S8E4	2867		PAR S/N	D2 T	PAH	Γ	Nut.Btl	3	3	3	3	2	3	3	3	3				
		L		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							es		SALT	 											1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
		Ę.	MIN	5							Rosette Notes				×		/				1		1			
	arr		DEG		+	NS :	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND Sh			RED	4	8	5	50	Q h	30	0	_	35				
VESSEL	Dcean Starr	CONSC	CASI #	57	SBE 9+	PRESS SN	# # 	SEC T	PRI CC	SECC	Nis DEPTH		No. DESIRED	1 13	2 10	3		5	-	7 20	8	50/25		2 -	12	

STATION NO.	BOTTOM DEPTH STA. NAME/ID	╀	8 CMH 7 28	MAX. DEPTH =	RIGHT SIDA			Total and the second se		SIN PP ANS	m Acid total Firsting		2	m	4	5	9	7	8	6		10	10
	WIN WIND D	(deg) (kts)		SFC/Bottom Temp.	ZND Line					POP FCM Flow	1500 ml		>	>	>	>	>	>					
CTD FileName:	DRY BIII	(%) (C).	-	OBS:	GRUD STATION				•	75 95	o GEE Dup V> 10 dup v			\ \		>		>					
PROJECT & LEG NPRB AIERB Leg2		MO YR HR MIN	ep 1 7 / 4	WEATHER OBS:	REMARKS:					Chloro	GFF Vol >20 Large Vo	,	>	>	>	>	>	>	ं		***************************************		
CRUISE ID OS 17-01	GUITION	DEG MIN DAY	7 1 3 . S 6 5	FLUOR S/N	SBE43-Oxy (pri	SBE43-Oxy (sec	Transmissomete	PAR S/N	D2 Tmp Senson	Hydro Team-PMEL	Nut.Bti O2-Bti.NDIC/Alk	341 283	~	343	344	345	340	347					
<u>5</u>	ATTIIDE	MIN	7× 00				NS	NS	No.	Nis   DEPTH   Rosette Notes	SALT	Botton										-	
VESSEL Ocean Starr	CONSC	DEG	0727	SBE 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SP	Nis DEPTH	No. DESIRED	1 75	2 50	3 40	4	<u> </u>	0 9	7 SURF	8	6		10	10

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		STA. NAME/ID		C # W	MAX. DEPTH ==		year ayar y ayyidadiyda - yili iliya bi di di, di. Ilid qaar aa aa ah ah ah aa				PP	total size				>	<u></u>	>				>			
STATION NO.		воттом рертн	(m)	54	MAX						小艺	Acid		>			1		\	>					
			(5)					1			1700	Sam			1					-		<u></u>			
		WIN D D DIRN. SPD.	(deg) (kts)		om Temp.	Fre T					FCM										2 3 1 1 1		11		
		W Pressure D	(mb) (c		SFC/Bottom Temp.	Press C					POP 1	000 ml													
ame:						- 1					GFF	V> 10 dap vol500 mi													
CTD FileName:		LB RH	(%)			PRILLAM					J						-		1				-	•	
<u>5                                    </u>		DRY BULB	(°C)	2	BS:	(2					12	HO-935					 		1						
	zhan c	TIME (GMT)	HR MIN	1 36	WEATHER OBS:	REMARKS:						-10 Large VolGEE-Du								22 <u>0</u>			<u>\$</u>		
PROJECT & LEG	AIERD		ΥR	172	W	<u> </u>						0 <b>1</b> <													
PROJE	NFRD		Y MO	Sep							ਓ	GFF Vol													
			DAY	(>> ≥								DIC/Alk													
		LONGITUDE	NΕ	5.98		/ (pri	/ (sec	ometr	I	enson	am-PME	02-Btl.N													
CRUISE ID	10-11	FONG	DEG	15845	FLUOR S/N	SBE43-Oxy (pri	SBE43-Oxy (sec	Transmissomete	PAR S/N	p2 Tmp Senson	Hydro Team-PMEI	Nut.Btl O2-Btl.NDIC/Alk													
<u>R</u> C	3		<u> </u>	WZ								SALT													
		LATITUDE	NΙΜ	0							Rosette Notes						i				W				
		ቜ	DEG	2			P SN	1P SN	D SN	VD SP		Q		_		^					. \				
VESSEL	Ocean Starr	CONSC CAST #	-	7	SBE 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SP	в ОЕРТН	DESIRED	35	1	36	-	2	2	0~	6	3205				
VES	<u> </u>	გე 		0							Zi Si	2		7	, w	4	2	9	7		6	10	11	12	

NPRB AIRB LEG2   NRY BULB   RH   Pressure   DINN D   DINN	11		PROJECT & LEG	CTD FileName:			STATION NO.	
TIME CGMT) DRY BULB RH Pressure DIRN. SPD. BOTTOM DEPTH STA. NAWEND DAY MO YR HR MIN (°C) (%) (mb) (deg) (kts) (m) SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. SPD. BOTTOM DEPTH STA. NAWEND CANTHER DRY. SPD. SPD. SPD. SPD. SPD. SPD. SPD. SPD	05 17-01	Z	AIERB					
CGNT   DRY BULB   RH   Pressure   DRN   SPD   BOTTOM DEPTH   STA NAMEID			¥ F					
Day No YR HR MIN (*C) (*%) (*MD) (deg) (kts) (m)   STI A. H. MAX DEPTH-   WEATHER OBS: SFCIBORION TEMP.   MAX DEPTH-   Chlore	LONGI	1	(GMT)	Æ	$\overline{}$	SPD.	SOTTOM DEPTH	STA. NAME/ID
Weather obs.	DEG	- [	YR HR MIN	+				
WEATHER OBS: STCBottom Temp.   MAX. DEPTH =   REMARKS: TZ-2 o.   NAST DEPTH =   REMARKS: TZ-2 o.   NAST DEPTH =   REMARKS: TZ-2 o.   NAST DEPTH =   REMARKS: TZ-2 o.   NAST DEPTH =   REMARKS: TZ-2 o.   NAST DEPTH =   REMARKS: TZ-2 o.   NAST DEPTH =   REMARKS: TZ-2 o.   NAST DEPTH =   NAST	5 N 1 5847.7	√ 0 \ 0 \	ep 1 7 3	•			2	Z E M
Chloro SF Vol P20 Large VolGEE Dup V-10 dup-v6/600 ml  Cam Acid tubul Size  Chloro  Ch	FLUOR S/N		WEATHER OBS:		SFC/Bottom T	emp.	MAX.	DEPTH =
Chloro 75 GFF. Pop FcM Fally PP 1 SFF Vol 510 Large Vol GFF Dup V×10 dup vy 1800 ml Com Acid tubul Rich	SBE43-Oxy (pri		REMARKS:	دم				
Chique   25 GFF   Pop   PcM   Fdw   Edby   Prop   Pcm   Pc	SBE43-0xy (sec			7			And place the second se	
Chloro   25 GFF   Pop   PcM   Fall   Prop   PcM   Fall   Prop   PcM   Pop   PcM   Pap   PcM   Pap   PcM   Pap   PcM   Pap   PcM   Pap   PcM	Transmissomete				All for the very			
Chique   25 Gept   Pop   PcM   Fall   Prop   PcM   Pall   Fall   Prop   PcM	PAR S/N		-	A 4				
Chiqro   25 GFFC   POP   F.C.M   F.M.   P.P.	The senson		- And Andrews are the second					
SFF VG  > 10 Large Vol GEF Dup V> 10 dup V   500 ml   Cam Acid total Ext	Hydro Team-PMEL		Chloro	5 GFF				
	SALT Nut.Btl   02-Btl.N DIC/Alk			-	vol500 ml	3	Acid	7
Note the content of	23 4348							1
	349		\ \ \		>			2
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			STA. NAME/ID		OHMO6	MAX. DEPTH =						A.	ZIS 111	क्ति दिव						:							
STATION NO.			BOTTOM DEPTH	(m)	40	MAX		and the second s	-			弘		Acid									1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
		20	D SPD. BOT	(kts)		٠						17		Š													_
	:		WIND DIRN. SI	(deg)		SFC/Bottom Temp.						PCM				>	>	>	>		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
			Pressure	(dm)		SFC/Bo				7,0		God	1	IIII OOCIDA													
CTD FileName:			RH	(%)								di U	100	dep.o.t.	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	>		\			             		 				
CTD FI			DRY BULB	()°()	*	S:					4 4	X				>		>									
LEG	AIERB Leg2		TIME (GMT)	HR MIN	0312	WEATHER OBS:	REMARKS:						John James Volger Du	n raige vo								Š:					
PROJECT & LEG	NPRB AIE			MO YR	Sep 1 7		<u></u>					Chloro				<u> </u>	>	\	>								
]				DAY	ক 0 ≥ ≷								7187	C/AIK					j								
	1		LONGITUDE	MIN	4. 0. 0. 0. 0.	Ş	ky (pri	xy (sec	somete		Senson	Hydro Team-PMEL	I A M HO	UZ-BUI.INDIC/AIK			_		290								
CRUISE ID	OS 17-01		LON(	DEG	16021	FLUOR S/N	BBE43-0xy (pri	SBE43-0xy (sec	Transmissomete	PAR S/N	D2 Tmp Senson	Hydro T	10 4:14	NUC.BU	356	357	358	359	360								
			LATITUDE	MIN	G							Rosette Notes		SALI	111111111111111111111111111111111111111	M MAK											
	ır		<u>Υ</u>	DEG	715		NS NS	MP SN	SEC TEMP SN	PRI COND SN	SEC COND SI	-	$\neg$	<u>3</u>	TU:	7	0	0	IL			1					
VESSEL	Ocean Starr		CONSC CAST #		075	SBE 9+	PRESS SN	PRI TEMP SN	SEC TE	PRI CO	SEC CC	Nis DEPTH		No. DESIRED	1 35	2 30	1×3	-	5 SURF	9	7	8	6	10	11	12	 

| NPRB AIERB LEGZ   CMT   DRY BULB   CMT   DRY BULB   CMT   LONGITUDE DEG MIN    620 .3     820 .3     ELUOR S/N   SBE43-0xy (pri   SBE43-0xy (pri   SBE43-0xy (sec |
|---|---|
| TIME (GMT)  WEATHER OF  REMARKS:  |   |
| MO YR HR MIN (°C   S   E   E   E   E   E   E   E   E   E  |   |
| WEATHER OBS: REMARKS:   |   |
| WEATHER OBS:  |   |
| REMARKS:  |   |
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| Chloro 75   | 1   |
| SFF Vol 20 Large VolGEF Du  | Nut.Btl O2-8tl.NDIC/Alk   |
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			STA. NAME/ID		C HMO	MAX, DEPTH =		Transmission of the design of the state of t				4	<b>本山 2</b> 22													
STATION NO.			воттом рертн	(m)	34	MAX. C	125 L					造	Acid													
0,		-		(5			K.	A the state of the				Flow	Y O	1 1 1 1 1 1 1		>				1						
		170	WIND D DIRN. SPD.	(deg) (kts)		ım Temp.	7					FCM				>	>		>		>					
			Pressure Di	p) (qm)		SFC/Bottom Temp.	S FOR					<b>d</b> od	lm 00													
ame:							BOTTLES					9	V> 10-dap-vol500 ml			/					>					
CTD FileName:			ILB RH	(%)	- ,		KTRA F			. 4		U	-									1		25		
U_			DRY BULB	(°C)		BS:	$\tilde{\mathbf{m}}$					25	GEF Du			>		-			>					
EG	RB Lėg2		TIME (GMT)	HR MIN	2202	WEATHER OBS:	REMARKS:	and management of the state of					>10 Large VolGEF Du													
PROJECT & LEG	NPRB AIERB			MO YR	e p 1 7							Chloro	GFF Vol 🔀			>	>		>		>					
PR	NP			DAY	S																					
			DE	MIN	677 J		_	ec	et c			-PMEL	Bti.NDIC/													
iE ID	05 17-01		LONGITUDE	Σ 	6339	FLUOR S/N	SBE43-0xy (pri	SBE43-Oxy (sec	Transmissomete	PAR S/N	<u>.</u>	Hydro Team-PMEL	Nut.Btl   02-Btl.N DIC/Alk	365		366	367		368		369			_		
CRUISE ID	05 1			DEG	_Q  z	FLU	SBE	ZB.	<u>e</u> LLL	₩ C		H	1	(¥)		63	8		4,							
			UDE	MIN	2							Votes	SALT			,							4 7 8 8 8 8 8 8			
			LATITUDE		5			z	SN	NS &		Rosette Notes		,							\$ 1 1 4 4 4 8				1	
بر	Dcean Starr		SC #	DEG	182	SBE 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN		ОЕРТН	DESIRED	12	25	N	2	20	2	10	SURF					
VESSEL	Dcean		CONSC CAST #		0	130						Nis	<u> </u>	L	7 7	m	. 4	2	-	7	æ	φ	10	-	12	

VESSEL	CRUISE ID	PROJECT & LEG	v LEG	CTD FI	CTD FileName:			STA	STATION NO.		<u> </u>
Ocean Starr	05 17-01	NPRB A	AIERB Leg2								- 1
							9	2			
CONSC LATITUDE	LONGITUDE	o).	TIME (GMT)	DRY BULB	RH	Pressure 1	WIND D DIRN. SPD.		ВОТТОМ DEРТН	STA. NAME/ID	
DEG MIN	DEG MIN [	DAY MO YR	HR MIN	() <sub>(</sub> )	) (%)	(qw)	(deg) (kts)		(m)		
0797200.17	72 16518.1530	3 S e p 1	71416	- - - - - -					4	C H M C Z	PA.
585 9+	FLUOR S/N		WEATHER OBS:	ij		SFC/Bot	SFC/Bottom Temp.		MAX. DEPTH =	EPTH ==	
PRESS SN	SBE43-Oxy (pri		REMARKS:								T
PRI TEMP SN	BBE43-Oxy (sec_										-
SEC TEMP SN											1
PRI COND SN	PAR S/N										
SEC COND Sh	D2 Tmp Senson		The second second	• •						-	T
											_
Nis DEPTH Rosette Notes	Hydro Team-PMEL	Chloro		25	GFF	dod	FCM	Flow	四		zi.
No. DESIRED SA	SALT Nut.Btl O2-Btl.NDIC/Alk	GFF Vol	20 Large VolGEE Due		₩ 10 dap vol500 ml	1500 mJ		Cam	Acid t	中心	ું ક
1 38	178 371 358										
2 30 Chl MAX	72	\		\	\		>			2	7
300	373						>			171	m
Q1 4		>		\	>		/			7	4
5 SURF	375	>				4	\			3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2
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			STA. NAME/ID	ロシュナン	MAX. DEPTH =					8		中国		`>	>										1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
STATION NO.			BOTTOM DEPTH	14 L	MAX						Tall 7	Acid	\					4	11 11 11 11 11 11 11 11 11 11 11 11 11		>				
		MIN O		ĵ.						1	To	Sam	1												
		WIND			SFC/Bottom Temp.	سا					FCM														
			Pressure D		SFC/Bott	CAST					2	500 mi													
lame:			RH Pre			PROD					THE	<del>√&gt; 10 dap v</del> el500 mi													
CTD FileName:						72%			-1		9						-						-	+	
0			DRY BULB		BS:	(2					3	G EE D													
EG	RB Lèg2	TIME	(GMT)		WEATHER OBS:	REMARKS:						>20 Large Vol GEF Dup													i i i i i i i i i i i i i i i i i i i
PROJECT & LEG	R AIERB		3	0						_	0000	GFF Vol										10.0			
PR(	NPRB		>40	S	-						-				(6.0)		1			_					
			<u>ال</u>	703				<u>_</u>	ا		PMEL	O2-Btl.NDIC/Alk													
<u>Q</u>	-01		LONGITUDE	10	FLUOR S/N	SBE43-0xy (pri	SBE43-Oxy (sec	ransmissomete.	PAR S/N D2 Tmp Senson	ļ F	Hydro leam-PMEL	Btl O2-E											-		-
CRUISE ID	05 17-01		2000	و و	IONT	☐ SBE4	5864	<u>Ig</u>	PAR S/N		Hydr	Nut.Btl										14			_
				6 Z							es	SALT		8	y										
			LATITUDE	- LS							Rosette Notes			33											
	Starr	U	#	0	58E 9+	PRESS SN	PR! TEMP SN	SEC TEMP SN	PRI COND SN		DEPTH RO	DESIRED	35	32	30	20	20	2	0	0	う (2)	SURF	SURF		
VESSEL	Ocean Starr	CONSC	CAST	0	586	E E	Ē.	E E	SE PRI		Nis	No. DE		.5	3	4	2	9	7	8	6	10	11	12	

<u> </u>				d			1				i S S	9		2	m	4	2	9	_	ω	6	10	11	12	ئام.
		STA. NAME/ID		C # WO	MAX. DEPTH						_	HA 25%									1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				-
STATION NO.		воттом рертн	(m)	47	MAX.	-5-1					產	Acid										ļ	1		
			(kts)			4					100	Y S			<u> </u>			>							
•		WIND D D D DIRN. SPD.	(deg) (k		SFC/Bottom Temp.	A FX				:	FCM			>	>	>	>	>							
		Pressure	(dm)		SFC/Bo	AST			200		dod	V> 10 dap vol500 ml			>	>	>	>			1 1 1 1				
CTD FileName:	ļ	H.	(%)			) Janvo					950	10-dab	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		>	\	1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1				
CTD FII		DRY BULB	(0,0)	2	ii.	Non				-•	25	_			>	\	\							•	
<u> </u>	B Leg2	rime GMT)	HR MIN	0	WEATHER OBS:	REMARKS:						-20 Large Vol GEF. Du			>	\	>			92			ii.		
PROJECT & LEG	NPRB AIERB		MO YR	775	*					1	Chloro	F Vol >2.0		\	\	>	>	<b>\</b>							
PR	_N		DAY	O.S.s																			<u> </u>		
		DE	NIM	9≷ ∞ ~		-	20	etr.			-PMEL	02-Btl.NDIC/Alk													
CRUISE ID	05 17-01	LONGITUDE	DEG M	4599	FLUOR S/N	SBE43-0xy (pri	SBE43-0xy (sec	Transmissomete	PAR S/N	] D2 Tmp Senson	Hydro Team-PMEL	Nut.Btl 02-	376	377	378	374	380	341							
S	Ö			7 8 <sup>2</sup>							SS	SALT												) 	
		LATITUDE	MIN	00			z	NS.	NS	Sh	Rosette Notes														
SEL	Ocean Starr	CONSC CAST #	DEG	8 17	SBE 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SI	DEРТН	DESIRED	43	40	30	30	10	SURC							
VESSEL	Oce	88		9							N Si	2	r și	2		4	20	و	7	∞	φ	10	11	12	

<u> </u>				1	-1		_				1	Z Sis	9		2	m	4	5	9		8	6	10	11	12	
			STA. NAME/ID		W W	EPTH =		elementary ways given a physical point of the state states of the first states play the				4	が、一時											_		
STATION NO.			ВОТТОМ DEPTH	(m)	5	MAX, DEPTH						一直	Acid													
		Z	SPD. BO	(kts)							-	1702	3													
			WIND DIRN. SF	(deg) (k		SFC/Bottom Temp.						FCM				>	>	>	>							
:		•	Pressure C	(dm)		SFC/Bot			86494848444			<b>d</b> od	1500 m1													3 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
CTD FileName:		:	RH	(%)								450	<del>V≯ 10-dap-</del> ve 500 mi				>									
CTD FII			DRY BULB	(°C)								2	<u> </u>				\ \ \									1
EG.	RB Lėg2		TIME (GMT)	HR	0239	WEATHER OBS:	HEMARKS:						>10 Large VolGEF-Du								27			*		
PROJECT & LEG	NPRB AIERB			MO YR	Sep 1 7							Chloro	GFF Vol >2		7	-/\	<u> </u>	/		, ,	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					
				DAY	70 W								OIC/AIK						I I I I I I I I I I I I I I I I I I I							
	1		LONGITUDE	MIN	30.7	N.	xy (pri	xy (sec	Fransmissomete		Senson	Hydro Team-PMEL	O2-Btl.NDIC/Alk						357							
CRUISE ID	05 17-01		LON	DEG	82	FLUOR S/N	5BE43-0xy (pri	SBE43-Oxy (sec	Transmis	PAR S/N	D2 Tmp Senson	Hydro 1	Nut.Bt	383	383	7384	385	386	387						! ! ! ! ! !	
			JOE	Z	~ ~ ~							otes	SALT	-			MAX									
			LATITUDE	DEG MIN	200.			NS	SN	SN	J.S.	Rosette Notes					₩   <u>4</u>									
SEL	Ocean Starr		CONSC CAST #	DE	<b>LE8</b>	SBE 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SI	ОЕРТН	DESIRED		40	35	20	2	る高							
VESSEL	Dce		<u>გგ</u>		0							N.S.	2	L	7	М	4	ιΩ	ی ا		00	6	2		12	

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		ME/ID		101			3	9			Nis	93	F	2	Э	4	5	9	7	80	6	10	11	12	
		STA NAME/ID		に出し	MAX. DEPTH =		SC12.	540er/2	3	170 H 2	PP	total 1													
STATION NO.		ROTTOM DEPTH	(m)	147	MAX.	9		9 F./2	76 1		石部人	Acid	1 5 5 1 1 1							1					
STA		BOTTON	1			LADOLA	#10	1307.7	A 10 1 5	225/18	Flow	Com													
		WIN O CO			emp.	13	2	RUT	15 CA	9			- 1				/	F			Î				
		WIND	(ded)	<u></u>	SFC/Bottom Temp.	A	17.1	X,	ストルの	2	FCM						/		1.3-3		i SSE			. : <u>: : :</u> :	
		Pressure	(mh)		SFC/B	1.SEURED	# 3	1,00,1		201112	POP .	•vo 500 ml		and the second s		1	/							8 4	-
CTD FileName:		I	t			Y >3	#	5	7/4	1	1115	V+ 10 dup vol500 ml		The section of the se											
СТВ		ORY BIII R	(0.0		ÿ	Borne		7	4		20			and the second second	The second second							1		 	
و	B Lėg2	TIME	Z		WEATHER OBS:	REMARKS:	#	THO	444			ALD Large VolGEF Du			1										
T&LE	AIERB		<u> </u>	1 7		œ		_	<u> </u>		<u>e</u>			(r)	1				-		_				
PROJECT & LEG	NPRB		Σ								Chloro	GFF Vol		}	1	\					_				-
			YAC	N 0 4																				1	
		RONGITIONO	MIN	1 0	7	y (pri	'y (sec	somete		enson	Hydro Team-PMEL	O2-Btl.NDIC/Alk													
CRUISE ID	5 17-01	GNO	DEG	~	FLUOR S/N	58E43-0xy (pri	SBE43-0xy (sec	Transmissomete	PAR S/N	Juz Imp senson	Hydro Te	Nut.Btl													
N.	05			10×2							Si	SALT								 		£ 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5			
		ATITIDE	NIM	30.	-						Rosette Notes					NEXTERS									
	۲۲		2,50			' NS	MP SN	MP SN	ND SN	JND SF		E					0	7		-	-	_	_		-
SEL	an Starr	CONSC		90	5BE 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SE	ОЕРТН	PESIRED	43	4	200	20	1/2	SURF							-
VESSEL	Dcean	88		۵							Nis	Š.		7	m	4	ď	) (2		, <u>«</u>	0	9	7	12	

VESSEL	CRUISE ID	PROJECT & LEG	LEG	CTD Fill	CTD FileName:			ST	STATION NO.	
Ocean Starr	05 17-01	NPRB AIE	AIERB Lėg2							
		1	H							
CONSC LATITUDE	LONGITUDE		TIME (GMT)	DRY BULB	RH	Pressure	WIND W	WIN D SPD. BOTTO	ВОТТОМ БЕРТН	STA, NAME/ID
DEG MIN	DEG MIN DAY	Y MO YR	HR MIN	(°C)	(%)	(mb)	(deg) (k	(kts)	(m)	
0847130.56	9 1 68 3 1. 1 CE	45ep17	1451	•					8	707H 0
SBE 9+	FLUOR S/N		WEATHER OBS:	ö		SFC/Bc	SFC/Bottom Temp.		MAX. DEPTH	EPTH =
PRESS SN	SBE43-Oxy (pri		REMARKS:	Mar	(4. Ja)					
PRI TEMP SN	SBE43-Oxy (sec	!								
SEC TEMP SN	iransmissomete					9				
PRI COND SN	PAR S/N					:				
SEC COND SI	D2 Tmp Senson			- 1						
Nis DEPTH Rosette Notes	Hydro Team-PMEL	Chloro		25	ST T	dod	FCM	Flow	江	Nis
No. DESIRED SALT	LT Nut.Btl 02-Btl.NDIC/Alk	GFF Vol	20 Large VolGEF Du	_	**************************************	1500 ml		W	Acid	THE STATES
1 42	388 345						>			
2 30	389	>		/	>	\ >	>	>		2
3 80	39.0	\					>			М
4 10	391	>		>	/					4
5 50116	19 392	<u> </u>					>			5
9										9
7										7
8			er.							8
6										6
10										10
11										
12				•						12
						J				

NPR   AIR   Lég2	VESSEL		5	CRUISE ID			PROJECT & LEG	, LEG	CTD	CTD FileName:				STATION NO.	
S   C   MIN   DC   M	cean Stan		<u>Ö</u>	S 17-01											
S   S   Milk															
DEG   WIN   DEG   WIN   DAY MO   YR   HR   MIN   (*C)   (%)   (mb)   (deg)   (kts)   (m)	CONSC CAST #	LATITUDE		LONG	ITUDE			TIME (GMT)	DRY BULB		Pressure			ТОМ БЕРТН	STA. NAME/ID
		MIN	-	DEG			-	HR		(%)	(mb)		kts)	(m)	
FEMANTICAL   FLOOR SIN   PRESS SIN   PRE	00	6	/Z	665	<u>ئ</u>	D ≥	e p 1	7							0747
PRESS SY   PREMARKS:   PLEMARKS:   PLEMA	SBE 9+	ļ		FLUOR S/N			   	WEATHER C	JBS:		SFC/B	ottom Tem	b.	MAX. [	OEPTH ≈
Ferral   See 3-0 vy (sec   Ferral Sec 3-0 vy (sec   Ferral Sec 3-0 vy (sec 3	PRESS S	z		SBE43-0x)	/ (pri			REMARKS:	Person		الجكادون	Jim'	170		
Feet Transport   Part Service   Pa	PRI TEMI	P SN	L	SBE43-Ox)	/ (sec										
Part Cond St   Part Sensor   Part Cond St   Part Sensor   Part Cond St   Part Sensor   Part Cond St   Part Sensor   Part Senso	SEC TEM	IP SN		Transmiss	omete										The designation of the second
Page   Page	PRICON	D SN		PAR S/N	į			191							
Dig PTH   To sette Notes	SEC CON	ND Sh		Joz Tmp Su	enson					• •					
DEFITH         Hosette Notes         Hydro Team-PMEL         Chlor         75         GFF         POP         FCM         Flow         FM															
Sal   Sal   Nut. Bt   O2-Bt. NDIC/Alk   SF W   20 Large vol GEF Dup vo. 20 dup vo. 20	Nis DEPTH	$\rightarrow$		Hydro Te	am-PMEL		Chloro		25	G			Flow	一	
35 30 30 32 32 33 34 35 36 36 37 38 39 30 30 30 30 30 30 30 30 30 30	No. DESIRE		SALT		JZ-Btt.NDIC		FF Vol	20 Large Vo		10 dup	-ve [500 m]		S.	Acid	212
30 32 32 32 32 32 32 34 35 36 36 37 47 7 7 7 7 7 7 7 7 7 7 7 7 7	1. 30						,						<u> </u>		//
22 22 25 25 26 25 26 26 26 26 26 26 26 26 26 26 26 26 26	2 30													<	\ \
22 22 10 10 10 5usz 5usz 5usz 5usz	3														/ /
10 10 10 5uez 5uez 5uez	4 28														X X
10 10 5u8c 5u8c Suac Suac	5 22														5
10 Subst Sub	0 10														9 / / / 9
5 USK Subsk	-														× >
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\$208C														/	6 / / /
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			STA. NAME/ID		2		IL.		make the staying to be shallowed in			4	XX													
				├	7		MAA. UEP. H					Œ	144	3												
STATION NO.			DEPTH	٦	73		MA	1500				1	Acid													
STA			BOTTOM DEPTH	(m)				1/2																		
		NIN					ġ .	J. S.				II.	<u> </u>		1		<b>&gt;</b>			>						
			WIND DIRN.			] ·	Sredboutom remp.	79-1-				FCM			>	Ì		>								
	į		Pressure	(mb)				1				POP	1500 ml	`	>	•	^	>		>	>					
vame:			RH Pr					1				245	À				<b>&gt;</b>									
CTD FileName:							2	ű			- 1		<del></del>					>						-	4	
<u>o</u>			DRY BULB	-		-	ż	±				2	GEF PA				> }	>	`	>	>					
m	Leg2		TIME (GMT)	HR MIN	ر د د	WEATURD ODG	REMARKS:			(5)			Large Vo			\	>	>	`	>	Ś					
PROJECT & LEG	AIERB			YR	4	_							ğ	199												:
PROJEC	NPRB			MO	( )	ם ט						Chlo	GFF Vol	12		`	>	>		<b>.</b>	>					
				DAY	707	) A						i	C/Alk						3 9 3 0 0							
	ļ		UDE	MIN		-		sec	ĕ		son	n-PMEL	02-Bti.NDIC/Alk						6 6 7 1		i i i i					
	17-01		LONGITUDE		ر ک	2 a 0 1 1 3	SBE43-Oxy (pri	SBE43-Oxy (sec	Transmissomete	PAR S/N	02 Tmp Senson	Hydro Team-PMEL	Nut.Btl 02	393		395		25	294		396					
CRUISE ID	05 1			DEG	75				يْع	PAR PAR	D22	Hyo		6		M		3	~		36					
			JE		309					İ		ës	SALT	8			1									
			LATITUDE	MIM	7 0							DEPTH Rosette Notes									 					
	Starr			DEG	,		. SN	- PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SP	TH Ros	3ED	1		0	Δ	0	0		Jak Jak					,
VESSEL	Dcean St		CONSC CAST #		&9 &0	EBE OT	PRESS SN	R R	SEC T	R C	SEC C	Nis DEP	No. DESIRED	1 4	2	3	S	3		2 5	8	6	10	11	12	
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			STA. NAME/ID		ファサンフ	MAX. D€PTH =			man variantement, projektoj da la deplata par epokulu, fereje mi vari			8	144 Siz													
STATION NO.			ВОТТОМ БЕРТН	(m)	7	MAX.						五	Acid													
		2	D SPD. BC	(kts)								TON	Cam													
			WIND DIRN. SI	(deg) (k		SFC/Bottom Temp.						FCM		>		>		>								
	٠		Pressure	(qm)		SFC/Bol						dod	1500 ml													
CTD FileName:			RH	(%)								450	V=10 dep vel500 ml	7		>		>								
CTD Fil			DRY BULB	(°C)	•	ë					* *	25	<u> </u>	>		>	3	>								
LEG	AIERB Leg2		TIME (GMT)	HR MIN	1405	WEATHER OBS:	REMARKS:			•			>10 Large VolGEF Du								-	000000000000000000000000000000000000000		1		
PROJECT & LEG	NPRB AIE			MO YR	Sep17							Chloro	GFF Voi	\ \ \	>	>	>	>				0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
				DAY	× ×								IC/Alk			1						9				
	1		LONGITUDE	Min	4.32	Z.	xy (pri	xy (sec	somete		Senson	Hydro Team-PMEL	02-Btl.NDIC/Alk	354		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			0.0							
CRUISE ID	OS 17-01		LON	DEG	1652	FLUOR S/N	SBE43-0xy (pri	SBE43-0xy (sec	Transmissomete	PAR S/N	D2 Tmp Senson	Hydro T	Nut.Btl	399	400	401	407	403				33				
0	O				72				<u></u> [	1		(0	SALT					18				1 1 0 0				
			LATITUDE	Σ	30.0				7			Rosette Notes			Chi MAX							6 6 5 8 1 1 1 1				
	Starr		SC #	DEG	7	SBE 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PR! COND SN	SEC COND SP	DEPTH RO	DESIRED	37	30	000	0	SURY		1						
VESSEL	Dcean Starr		CONSC CAST #		0		<u>K</u>	<u>к</u>		#	<u> </u>	Nis	No.	1	2	m	4	5	9	7	80	6	10	11	12	

		Ö	CRUISE ID			PROJECT & LEG	y LEG	CTD	CTD FileName:				STATION NO.	
	- 1	0	OS 17-01		_	NPRB A	AIERB Leg2							
	3						į				3			
LATITUDE			LONG	LONGITUDE			TIME (GMT)	DRY BULB	RH	Pressure	WIND V	WIIN D SPD. BOT	ВОТТОМ БЕРТН	STA. NAME/ID
DEG MIN			DEG	MIN	DAY	MO YR	HR MIN	(°C)	(%)	(gw)		1	(m)	
129.9		~ 7 2 2 2	634	7 7.	50 m	Sep1	7 30 26	•					7 h	H07H7
			FLUOR S/N	_			WEATHER OBS:	JBS:		SFC/B(	SFC/Bottom Temp.		MAX. 1	MAX, DEPTH =
PRESS SN			SBE43-Oxy (pri	y (pri			REMARKS:	PRIZA	RIMBRY	PRODU	O. Line	3		
PRI TEMP SN			5BE43-Oxy (sec	y (sec			The state of the s					-		
SEC TEMP SN			Transmissomete	omete										
PRI COND SN			PAR S/N											
SEC COND Sh			D2 Tmp Senson	enson					-					
Rosette Notes	11 (2)		Hydro Team-PMEI	am-PMEL		Chloro		7	700	DOG	4	Ū	47	8 Nis
	1					1000		┕		•		2	Tall	
DESIRED		SALT	Nut.Btl (	O2-Btl.NDIC/Alk		GFF Voi	>20 Large VolGEF Du	الحك	V=10-dup-vel500 ml	vol500 ml		Cam	Acid	のがです
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														12
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VESSEL		CRUISE ID	PROJECT & LEG	EG	CTD File	CTD FileName:			IS	STATION NO.	
Dcean Starr		OS 17-01	NPRB AIERB	(B Lég2							
CONSC CAST #	LATITUDE	LONGITUDE		TIME (GMT) DRY	DRY BULB	RH	Pressure	WIND D DIRN. SPD.		воттом рертн	STA. NAME/ID
1	DEG MIN	DEG MIN DAY	YR MO YR	HR	(0,0)	(%)				(m)	
00	7189.945	16349.2460	Sep17	2051						<u> </u>	34C64
SBE 9+		FLUOR S/N		WEATHER OBS:		4	SFC/Bo	SFC/Bottom Temp.		MAX. DEPTH	EPTH ==
PRESS SN	2	SBE43-0xy (pri		REMARKS:	Norw	A Cos	3	ENTHA	Borri	541	
PRI TEMP SN	P SN	SBE43-Oxy (sec									
SEC TEMP SN	NP SN	Transmissomete									
PRI COND SN	NS O	PAR S/N									
SEC COND Sh	ND SI	D2 Tmp Senson			- 4						
Nis DEPTH	DEPTH Rosette Notes	Hydro Team-PMEL	Chloro	٨	75	ST T	dod	FCM	Flow	四十	SIN
No. DESIRED	DSALT	Nut.Btl O2-Btl.NDIC/Alk	GFF Vol	<b>21</b> 0 Large Vol <mark>GEF-Du</mark>	1	10-dup-ve  500 m	1500 ml		W G	Acid to	THE WILLIAM
1 3		HoH								>	1
2 38	<b>1</b>		<	1			<	K	<	<	2
3		405	X				X	X			m
4	0	HOLO	/ X	<u>/</u>	<u>/</u>	$\bigvee$	X	X	X		4
5 10		407	X				7	X	•		S
6 SURF	\£_	90h	/ >		×				>	>	9
7 SURF	1								<	<	7
ω.				8				_			00
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11					1	1					
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		7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1 1 2 3 4 1					

VESSEL		0	CRUISE ID	PRC	PROJECT & LEG	EG	CTD FIIL	CTD FileName:				STATION NO.		Г
Dcean Si	Starr	O	OS 17-01	NPRB	R AIERB	RB Leg2								
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)	DRY BULB	RH	Pressure	WIND V	WIN D SPD. BOT	ВОТТОМ DEPTH	STA. NAME/ID	۵
	DEG MIN		DEG MIN	DAY MO	O YR	HR MIN	(°C)	(%)		$\overline{}$	_	(m)		
260	071 3.	318	16415.07	% <b>S</b>	p 1 7	0000	9					7	U.	a
SBE 9+	±	[	FLUOR S/N	į		WEATHER OBS:	ö		SFC/Bo	SFC/Bottom Temp.		MAX.	MAX. DEPTH =	
PRESS SN	S SN		SBE43-Oxy (pri			REMARKS: BTW	IN A KA	13	7	TIA	W	5-19-90	MOONING	
PRIT	PRI TEMP SN		SBE43-Oxy (sec		·				,			_		
SEC 1	SEC TEMP SN		Transmissomete		2	Note: Note	کی سرید	ار سن مستار	5 WERS	,	A LOSTE	From Nis	ンバン	
PR O	PRI COND SN	/	PAR S/N				2 NO	Mouns	5-34	2	15			
SEC 0	SEC COND Sh	<u> </u>	D2 Tmp Senson		ı		••						- T- T- T- T- T- T- T- T- T- T- T- T- T-	
Nis DEPTH	TH Rosette Notes	35	Hydro Team-PMEL	0,1	Chloro		7.	SP F	dod	FCM	T Con	古	8	Nis
No. DESIRED	RED	SALT	Nut.Bti O2-Bti.NDIC/Alk		. Vol   > <b>2</b> (	20 Large VolGEF Du		V> 18 dup vol1500 ml	/el500 ml		<u>چ</u>		122 14	ġ.
1 3	<b>%</b>		405											1
2 3	0		410											2
3	<b>3</b>		<b>-</b>											Э
4	0		イフ											4
5 50RF	74		413		1 1 1 2 1 2 1 2									'n
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12														12
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CAST ##   CAST	VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:			STATION NO.	
NUMBER   N	Starr	05 17-01	AIERB					
ST   ATTUDE								
OFC   MIN   OFC   MIN   OFC   MIN   OFC   MIN   OFC   MIN   OFC   MIN   OFC   MIN   OFC   MIN   OFC   MIN   OFC   MIN   OFC   MIN   OFC	LONGITUDE		RH		SPD.	ОМ DEPTH	STA. NAME/ID	
		MIN	MO YR HR MIN	(%)	-		(m)	
Next Then Decision   Sept 3-   Sep	17129.92	6212.5230	e p 1 7 1 +					土
PRESS SN   PREMARKS:   PREMA	\$BE 9+				SFC/Bottom Te	щъ.	MAX. D	EPTH≖
Fig. 1   Fig. 2   Fig. 3   Fig. 4   F	PRESS SN	5BE43-Oxy (pri	REMARKS:					
Feet Tears   Fransmissometr   Fransmis	PRI TEMP SN	SBE43-Oxy (sec						
PRI COND SN	SEC TEMP SN	Transmissomete						
Dig PTH   Rosette Notes	PRI COND SN	PAR S/N						
Poperties Notes	SEC COND Sh	D2 Tmp Senson		> •				
SALT   NULL BIT   O2-BIT.NDIC/AIK   SFF VOI   PAD Large VOIGEF DUP VY 10 ctop V   SOO mT	DEРТН	Hydro Team-PMEL					之	SIN Nis
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VESSEL		CRUISE ID		PROJECT & LEG	x LEG	CTD FI	CTD FileName:			STA	STATION NO.	
Dcean Starr		05 17-01		NPRB A	AIERB Leg2							
	-				ii .							
CONSC CAST #	LATITUDE	LONGITUDE	JDE		TIME (GMT)	DRY BULB	RH	Pressure	WIND D DIRN. SPD.		ВОТТОМ ВЕРТН	STA. NAME/ID
	DEG MIN	DEG M	MIN	AY MO YR	HR MIN	()。)	(%)	(mb)			(m)	
0	7130.068	16036	485 W	Gsep1	12039						70	7 7 7 7
SBE 9+		FLUOR S/N			WEATHER OBS:	3S:		SFC/Bot	SFC/Bottom Temp.		MAX. DEPTH	IJ
PRESS SN	NS	SBE43-0xy (pri	-		REMARKS:	Piz	The section	720	SPACT (UE	T1 /2	\$-	
PRI TEMP SN	IP SN	SBE43-0xy (sec	ě									
SEC TEMP SN	AP SN	Transmissomete	ete									
PRI COND SN	ID SN	PAR S/N										
SEC COND SI	ND SI	D2 Tmp Senson	ou			• •						
Nis DEPTH	Rosette Notes	Hydro Team-PMEL	-PMEL	Chloro		25	957	ВОФ	FCM	Flow	个地	SiN
No. DESIRED	ED SALT		Nut.Btl O2-Btl.NDIC/Alk	GFF Vol	<b>20</b> Large VolGEF-Du	GEF Dup Vo	10 dup v	1500 mi		Com	Acid to	THE STATES
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				)				STATIC	STATION NO.	
		NPRB AIERB	RB Leg2							
	LONGITUDE		TIME (GMT)	DRY BULB	RH	Pressure	WIND D DIRN. SPD.	N D. BOTTOM DEPTH	СЕРТИ	STA. NAME/ID
	NIIN	MO YR	M MIN	() <sub>0</sub> )						
^	·	Sep 1 7	7 - 8	•					1 2	3074
			WEATHER OBS:	S:		SFC/Bo	SFC/Bottom Temp.	_	MAX. DEPTH	:PTH =
$\overline{}$	5BE43-0xy (pri	1	REMARKS:	7	Samo	(AS	1	EXTINA BG	07766	
_	SBE43-0xy (sec			700	K	7			0.00	
	Transmissomete	-								
			×			!				
	D2 Tmp Senson			C-1						
	Hydro Team-PMEL	Chloro		7.5	700	DOD	EC.N	בלביו ביזו		8
	02-Bti.NDIC/Alk	GFF Vol >2.0	Large Vo	GEF Dus V	10 dap v	1500 ml	T			TT XX
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		CRUISE ID		PROJECT & LEG	א רבכ	<u> </u>	C1D FIIeName:	äi			STATION NO	~:
Ocean Starr		05 17-01		NPRB 4	AIERB Lég2							
			:									
CONSC CAST # LA	LATITUDE	LONGITUDE			TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIN D SPD. BC	ВОТТОМ DEPTH	STA. NAME/ID
DEG		DEG MIN	DAY	MO YR	HR MIN	(°C)	(%)	(mp)	(deg)	(kts)	(m)	
095705	59.89 N	16224. 64	0 0 8€	Sep 1	71403						74	D H KO
\$8E 9+		FLUOR S/N			WEATHER OBS:	OBS:		SFC/E	SFC/Bottom Temp.	<u>.</u>	MA	MAX. DEPTH ==
PRESS SN		SBE43-0xy (pri			REMARKS:							
PRI TEMP SN		SBE43-0xy (sec										
SEC TEMP SN		Transmissomete										
PRI COND SN	į	PAR S/N										
SEC COND Sh		D2 Tmp Senson		-			- •					
,												
Nis DEPTH Roset	Rosette Notes	Hydro Team-PMEL		Chloro		25	950	- POP	FCM	T	个世上	d
No. DESIRED	SALT	Nut.Btl O2-Btl.NDIC/Alk			20 Large Vol GEF Du	-	10-day	V= 10 dap v   1500 ml		Cam	Acid	HT 252
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CONST   CONS		0	CRUISE ID			PROJECT & LEG	, LEG	СТО	CTD FileName:				STATION NO.	
LANTIUDE   LONGTUDE   CONGTUDE		C	S 17-01		Z			2						
Child   Chil											5			
Set	LATITUD		FONG	ITUDE			TIME (GMT)	DRY BULB	RH				ТОМ DEРТН	STA. NAME/ID
EGG. 974   16354   0160   1736			DEG	MIN	DAY	H	H		(%)	(mb)		ts)	(m)	
Figure 1   Figure 1	9	§ <sup>Z</sup>	63	0	8	e p 1	20						74	U
Set 3-0xy (pri   Pet			FLUOR S/N	-			WEATHER (	OBS:		SFC/Bc	ttom Temp		MAX.	
SALT NULBI OZ-BINDIC/AIK GFF VOI PLAYO TEATLY COMMAND TEATLY COMMA	-	_		y (pri			REMARKS:		Trans	Prois				
SALT Nut Bt   O2-Btt MDIC/Alk   SFF Vol   P2D Large vol GSF Dup V- 10-thp-V-	. SN	<u></u>	SBE43-0x	y (sec			3	25	12ARBY					
Park SN   Senson   Senson   State Notes   Hydro Team-PMEL   Cylingo   PSS   CAFP   Prop   PCM   Prop   PCM	P SN		Transmiss	omete										
Dot Timp Sensor   Dot Timp Sensor   Children   Childr	D SN		PAR S/N				ь							1 to 1 to 1 to 1 to 1 to 1 to 1 to 1 to
Rosette Notes         Hydro Team-PMEL         Chldro         75         GEFF         POP         FcM         Falls         PP           SALT         Nut. Bit         0.2-Bit MDIC/Alk         5F Vol         2.0 Large Vol GEF. Dub Vx-10-date/PW (1500 ml)         Com         Accid         4th Accid	ND Sh		D2 Tmp S	enson					z. <b>†</b>					
SALT   Nut. Bt   O2-8t1.MDIC/Alk   SF Vol   210 Large Vol GEE-Dup V-10 stape V-10 stap														
SALT   Nut.Bt   O2-Bt1/NDIC/Alk   GFF Vol   210 Large Vol   GFF Dub Vv 10 dup v 10	_	tes	Hydro Te	am-PMEL		Chloro		25	GFF		FCM	<b>登</b>	也	_
	Ω	SALT	Nut.Btl	O2-Btl.NDIC		SFF Vol	20 Large V	-₽-	-dap-01-4A	vel500 ml		W B		
			V 200											
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CONSC CAST # LA CONSC CAST # LA DEG  SEB 9+ PRESS SN PRESS SN PRI TEMP SN PRI COND SN PRI	LATITUDE  LATITUDE  MIN  O 55 M. 71 2 %  SN  SN  SN  SN  SN  SN  SN  SN  SN  S		OS 17-01  LONGITUDE  DEG MIN    PS S S S S S S S S S S S S S S S S S S	× S O O S	NPRB AI	AIERB Lėg2				11	NIN O		
NSC ST# DE DE SRE 9+ PRESS SN PRI TEMP SEC TEMP SEC TEMP SEC COND			LONGITUDE MIN MIN SES/N 43-0xy (pri 43-0xy (pri 5/N mp Senson	\$\sqrt{0}\disp\disp\disp\disp\disp\disp\disp\disp		TIME					N VIN		
ST # DEPTH DESS SN PRI TEMP SEC TEMP SEC TEMP DEPTH DESTRED			MIN MIN MIN MIN MIN MIN MIN MIN MIN MIN	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		:				MIND			,
SBE 9+ PRESS SN PRI TEMP SEC TEMP PRI COND SEC COND DEPTH DESIRED			Min DR S/N 43-Oxy (pri 43-Oxy (sec smissomete S/N Tmp Senson	×S, OA S O S	H	9	띪		Pressure		$\perp$	BOTTOM DEPTH	STA. NAME/ID
SBE 9+ PRESS SN PRI TEMP SEC TEMP PRI COND SEC COND DEPTH DESIRED			S/N S/N Oxy (pri Oxy (sec nissometé nissometé n p Senson	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	MO	HR	(00)	(%)	(mp)	(deg) (I	(kts)	(m)	
SBE 9+ PRESS SN PRI TEMP SEC TEMP PRI COND SEC COND DEPTH DESIRED			IUOR S/N BE43-Oxy (pri BE43-Oxy (sec		Sep 1 7	2038						43	AKKO4
PRESS SN PRI TEMP SEC TEMP PRI COND SEC COND DEPTH DESIRED			BE43-0xy (pri BE43-0xy (sec ransmissomete AR S/N 32 Tmp Senson			WEATHER OBS:	JBS:		SFC/I	SFC/Bottom Temp.		MAX. I	MAX. DEPTH =
SEC TEMP SEC TEMP PRI COND SEC COND DEPTH DESIRED			'BE43-0xy (sec_ransmissomete_ransmissomete_rans_NN_27 Tmp Senson_randrans_Ndro Team-PMEL_randrans_Ndro			REMARKS:	New	June	AST	101/E	E Ces Bor	orthss	
SEC TEMP PRI COND SEC COND DEPTH DESIRED			ransmissomete AR S/N 32 Tmp Senson 1ydro Team-PMEL							/			management and to the special state of the special
SEC COND DEPTH DESIRED			AR S/N 32 Tmp Senson 4ydro Team-PMEL										
SEC COND DEPTH DESIRED			)2 Tmp Senson										
DEPTH DESIRED			4ydro Team-PMEL										
DESIRED		Γ			Chlaro		7.		dod	FCM	17	4	PP
	ì	SALT	Nut.Bti   02-Bti.NDIC/AIK		GFF Vol	-20 Large VolGEF Dup	GEE DUP	10 day	V> 10 dup vol500 ml		8		104 SIZ No.
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VESSEL	E			CRUISE ID			PROJEC	PROJECT & LEG		СТБ	CTD FileName:				STATION NO.		
Ocea	Ocean Starr		0	05 17-01	1		NPRB	AIERB	Leg2								
														NIN			<u> </u>
88	CONSC CAST #	LATITUDE		LON	LONGITUDE				TIME (GMT)	DRY BULB	Æ	Pressure	WIND DIRN. S	D SPD. BO	ВОТТОМ DEPTH	STA. NAME/ID	۵
	DI	DEG MIN		DEG	MIN	DAY	ОМ	YR HR	R	(°C)	(%)	(mb)	(deg) (	(kts)	(m)		
0	187	7058.35	≫Z •	652	25.63	3 0 / O	Sep	1 7	0233	q					4	Δ <del>T</del> <del>V</del>	~
	5BE 9+			FLUOR S/N	N/s			WE	WEATHER OBS:	S:		SFC/B	SFC/Bottom Temp.	р.	MAX	MAX. DEPTH =	
	PRESS SN		<u></u>	SBE43-0xy (pri	xy (pri			2	REMARKS:						:		
	PRI TEMP SN	SN		58E43-C	58E43-Oxy (sec												
	SEC TEMP SN	NS c		Transmi	Transmissomete												
	PRI COND SN	NS		PAR S/N					×								
	SEC COND SP	D Sf		рг тмр	02 Tmp Senson						- *						T
		- 1=															L
Nis.	ОЕРТН	Rosette Notes		Hydro	Hydro Team-PMEL	_,	Chloro	٥		25	GFF	dod :	FCM	7	也	4	s Z
Š	DESIRED	-	SALT	Nut.Btl	O2-Btl.NDIC/Alk	DIC/Alk	GFF Vo	7301	>20 Large VolGEE Du	-	7× 10 dap vel500 ml	•ve 500 m		N B	Acid	中山 公司	93
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VESSEL			5	CRUISE ID		PA	PROJECT & LEG	, LEG	CTD	CTD FileName:				STATION NO.	
Ocean 3	Starr		0	OS 17-01		N.	NPRB A	AIERB Lėg2							:
							-						NIN		
CONSC CAST #	() #+	LATITUDE		LONG	LONGITUDE			TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	D SPD. BO	ВОТТОМ БЕРТН	STA. NAME/ID
	DEG	MIN		DEG	MIN	DAY	MO YR	HR MIN	(°C)	(%)	(qm)	(ded) (	(kts)	(m)	
099	97	0	~ %Z %	- - - - - - - - - - -	<i>V</i>	W Ds	e p 1 7	1 400		_				94	J H 1402
SBE 9+	+6			FLUOR S/N			1	WEATHER OBS:	BS:		SFC/E	SFC/Bottom Temp.	Ġ	MAX	MAX. DEPTH =
PRE	PRESS SN			SBE43-0xy (pri	y (pri			REMARKS:							
R R	PRI TEMP SN			SBE43-0xy (sec	y (sec		}							and the second s	
SEC	SEC TEMP SN	2	<u> </u>	Transmissomete	omete								-		/
P. B.	PRI COND SN	z		PAR S/N			]								
	SEC COND SI	35		D2 Tmp Senson	enson										
		٠													
Nis	DEPTH R	Rosette Notes		Hydro Te	Hydro Team-PMEL		Chloro		25	GFF	dod =	FCM	Flow	四小	PP Nis
No. DE	DESIRED		SALT	Nut.Btl	02-Btl.NDIC/Alk		GFF Vol	>10 Large VolGEF Du		1-10 dux	V* 10 dup v   1500 ml		الح	n Acid	total \$121%
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STATION NO.			BOTTOM DEPTH	(m)	য	W	AS-						在	Acid	11 20 21 21 21 21 21 21 21 21 21 21 21 21 21		1									
		Z,	D SPD. BOT	(kts)		-	1	ا ر					1987 [L	Cam		·	•									
			WIND DIRN. S	(deg) (k		SFC/Bottom Temp.	RESTUCTION		***************************************				FCM		3 5 3 1 1						1 1 6 3 1 1		1			
			Pressure	(mb)		SFC/B	Pro					_	POP	•ve 500 ml												-
CTD FileName:			H	(%)			PREMON				- 6		GFF	w> 10-dap-vوا500 ml	1000								i			-
CTD			DRY BULB	(°C)	•	ö	Pe					1	25										) 0 0 1 1 1 1 1			
5	B Lėg2		TIME (GMT)	HR MIN	Le0	WEATHER OBS:	REMARKS:			5				20 Large VolGEF Du												
PROJECT & LEG	B AIERB			YR	p 1 7 9	M	ă ă				,		Chloro													
PRO	NPRB			DAY MO	) Ose								O'	A, 1												
			DE	MIN	8 3 W		į .	) a	ite		nc		-PMEL	Nut.Bti O2-Bti.NDIC/Alk												
GI 39	05 17-01		LONGITUDE		6C87	-LUOR S/N	5BE43-0xy (pri	SBE43-Oxy (sec	Transmissomete	PAR S/N	D2 Tmp Senson		Hydro Team-PMEL	ıt.Btl 02-						: : : :						
CRUISE ID	05]			DEG	NZ	Fu	SB	ES L		A	D2		Τ,	SALT NU												
			LATITUDE	MIN	9				;				Rosette Notes	S	· .					C						
	arr		LA	DEG	705	+	NS :	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SI		_	RED	٨	R	20	-0	0	Q	SURF	Dung.				
VESSEL	Ocean Starr		CONSC CAST #		001	SBE 9+	PRESS SN	PRI TE	SEC TI	¥   	SECC		Nis DEPTH	No. DESIRED	2	2 3	m m	4	~	_		8	6	10	-	77

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		STA. NAME/ID		CHKO	MAX. DEPTH =						d	が、一時													
STATION NO.		ВОТТОМ DEPTH	(m)	14	MAX. [						适	Acid		>						>					
•		WIN D SPD. BOT	<u> </u>								17	8								>					
		WIND C			SFC/Bottom Temp.						FCM		>	>			>	>		>					
		V Pressure	-		SFC/Bott	Q CAS-					dod	-vol500 ml		>			\	>		>					
CTD FileName:		HX.				Johns				~ •	955	VY10-dap					>			>				•	
CTD F		DRY BULB	(°C)	•	S:	4					2	┕					>			>					
LEG	AIERB Lég2		Z	5 ↑ ○ ○	WEATHER OBS:	REMARKS:			*			>20 Large VolGEF Du					>			\			334		
PROJECT & LEG	NPRB AII		MO YR	Sep 1 7					1		Chigro	GFF Vol	\	>			>	>		>					-
			DAY	S3710							MEL	02-Btl.NDIC/Alk													
CRUISE ID	OS 17-01	LONGITUDE	G MIN	, 0 8 3 9	FLUOR S/N	SBE43-Oxy (pri	SBE43-Oxy (sec_	Transmissomete	PAR S/N	oz Tmp Senson	Hydro Team-PMEL	Nut.Btl 02-Bt	452			453	454		455		456				
CRU	05		DEG	4s	<u> </u>	<u>15</u>	<u>تة</u>				T .	SALT				~									<u></u>
		LATITUDE	$\vdash$	059.99			N.	SN	SN	Sf	Rosette Notes	S													
	n Starr	15C	DEG	10	SBE 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SP	DЕРТН	DESIRED	43	30	30	Le .	20	01	0	50RE	SURF				
VESSEL	Dcean	CONSC CAST #		7							N Si Si	2		2	т	4	S	9	_	∞	0	10	11	12	

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		-	STA. NAME/ID		O HIND	MAX. DEPTH ==						8	ジョ											3		
STATION NO.			ВОТТОМ DEPTH	(m)	40	MAX						~证	-													
		Z		S)								100	8													
		×	WIND D DIRN. SPD.	(deg) (kts)		m Temp.						FCM			/	>	/	>								
				$\Box$		SFC/Bottom Temp.						dod	E													
ii			Pressure	(mb)		S						11	D-v 0 500													
CTD FileName:			RH	(%)								GFF	V 10 dup vol500 ml			>		>		1 1 1 1 1 1 1					•	
CTD F			DRY BULB	(°C)	•						35.M	V	<u> </u>			>	**	>					6 6 5 1			
	Leg2			MIN	0	R OBS:	(S:					~	Vo GE								*					
LEG	AIERB Le		TIME (GMT)	HR N	510	WEATHER OBS:	REMARKS:						>10 Large VolGEE Du							9 9 9 1				•		
PROJECT & LEG				YR	p 1 7				<u></u>			lloro	GFF Vol		\		>	\								
PRO	NPRB			DAY MO	l S e							0	<b>3</b> t					,								
		<u> </u>		D/	53/								DIC/Alk										1			
			TUDE	MIN	0		(pri	(sec	mete	1	nson	Hydro Team-PMEL	02-Btl.NDIC/Alk	205												
SE ID	OS 17-01		LONGITUDE	.5	830	FLUOR S/N	SBE43-Oxy (pri	SBE43-Oxy (sec	Fransmissomete	PAR S/N	p2 Tmp Senson	dro Tea	Nut.Btl C	458	459	460	力力	462								
CRUISE ID	05			DEG	891N	<u> </u>	- E	- <u>8</u>	<u>ٿ</u> ل	_₹ L		£		7		7	7	7 96				<u> </u>				
			DE	7	93							otes	SALT			¥			•				 			
			LATITUDE	MIN	39							Rosette Notes				16/ MAX										
	arr			DEG	70	│	NS S	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SP		RED	35	33	0	۵	25	 			-				
VESSEL	Ocean Starr		CONSC CAST #		0	SBE 9+	PRESS SN	PRI TE	SEC T	<u>8</u>	SEC C	Nis DEPTH	No. DESIRED	[7]	2 3	3 20	4 10	5 SURE	9	7		0	10	11	12	
<u> </u>	ŏ							<u></u>				<u>Z</u>	Ž		1 (4	1,,,	7	1 47		L.'		<u> </u>	<u> </u>	1 =		1

		٥		6					T	1	N Si	9.	-1	7	м	4	Ŋ	9	7	8	6	10	H	12	
		STA. NAME/ID		CH20	MAX. DEPTH =						8	神经								ļ					
STATION NO.		ВОТТОМ DEPTH	(m)	50	MAX. C						金	Acid											1		
<u> </u>			130								7	Y. S				>			1 1 3 1 1 1 1		1				
		WIND D DIRN. SPD.	(deg) (kts)		om Temp.						FCM			>		>		>			1				
		Pressure D	(qm)		SFC/Bottom Temp.						dod	1500 ml													
CTD FileName:		RH Pr	(%)					:			977	V=10-dup-v		>	_	>		>							
CTD		DRY BULB	(0°)	•	S:						25	GEF Bup V		>		>		>							
EG	RB Leg2	TIME (GMT)	HR	1071	WEATHER OBS:	REMARKS:			24)			Large Vo								-					
PROJECT & LEG	NPRB AIERB		MO YR	Sep 1 7							Chloro	GFF Vol 1510		>		>		>							
			DAY	1 / M																					
		LONGITUDE	MIN	6	z	cy (pri	ry (sec	somete		Senson	Hydro Team-PMEL	02-Btl.NDIC/Alk						280							
CRUISE ID	OS 17-01	PONC	DEG	1665	FLUOR S/N	SBE43-Oxy (pri	SBE43-0xy (sec	Transmissomete	PAR S/N	D2 Tmp Senson	Hydro T∉	Nut.Btl	463	404	465	466	417	897							
<u>.                                    </u>	O	щ 		A 5. 1							es	SALT						6			ì				
		LATITUDE	-	0				2		50	Rosette Notes									t 6 9 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1	į		
_	Starr	SC #	DEG	0370	SBE 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SI	DEPTH R	DESIRED	ħħ	40	30	300	2	SURF		1					
VESSEL	Dcean	CONSC CAST #		1	15	L				<u> </u>	iş Si	S S		2	М	4	2	9	7	ω	0	10	7	12	

VESSEL		CRUISE ID	٥	Hd.	PROJECT & LEG	LEG	CTD	CTD FileName:				STATION NO.		
Ocean Starr		05 17-01	.01	Ż	NPRB AI	AIERB Lėg2								
										ν.	INI.			i
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)	DRY BULB	RH	Pressure	WIND S	WIN D SPD. BOT	ВОТТОМ БЕРТН	STA. NAME/ID	i
Ω	DEG MIN	DEG	MIN	DAY 1	MO YR	HR MIN	(°C)	(%)	(mb)	(deg) (k	(kts)	(m)		
04401	1029.965	165	30.378	115	e p 1 7	2000	u					43	C # 70	3
SBE 9+		FLUOR S/N	N/S			WEATHER OBS:	BS:		SFC/Bc	SFC/Bottom Temp.	-	MAX.	MAX. DEPTH =	
PRESS SN	7	SBE43	SBE43-Oxy (pri		- I	REMARKS:	Memorine	()	nov Or	PAST				
PRI TEMP SN	NS	SBE43	SBE43-Oxy (sec											
SEC TEMP SN	P SN	Transı	Transmissomete		1								and the second s	T
PRI COND SN	NS C	PAR S/N	2		-	34								Т
SEC COND Sh	D Sr	D2 Tm	D2 Tmp Senson					- •						
	-						1				1	1	8	1 9
Nis DEPTH	Rosette Notes	Hydro	Hydro leam-PMEL		0		3	THE STATE OF THE S	2	FCM	100	Tall 7		D.
No. DESIRED		SALT Nut.B	Nut.Btl O2-Btl.NDIC/Alk			>10 Large VolGEF-D⊌	_&	V> 10 dup vol500 ml	/e1500 ml		S S	Acid	中国公司	91
1 30							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1			П
2 30								:					/ / /	7
3 30								1						m
4 20													, , , ,	4
5 20									1				× ×	2
9													,	9
7 SURF							   1   1   1   1   1   1   1   1			1 1 1 1 1 1 1				7
8 SUR						58								- ω
9 5v2F							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1			6
10													1	10
11						6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2 6 8 9 9		1				
12													1	12
					46.000	411111111111111111111111111111111111111			1 1 1 1 1 1 1 1 1 1 1					

Start   Star		CRUISE ID	PROJECT & LEG	CTD FileName:	lame:		STATION NO	N NO.	
MIN   DEG   MIN   DAY   MO   YR   HR MIN   CC)   C%   Cmb   Ceg   (Rs)   MIN   DAY   MO   YR   HR MIN   CC)   C%   Cmb   Ceg   (Rs)   MIN   HS   MIN   CC)   C%   Cmb   Ceg   (Rs)   MIN   HS   MIN   CC)   C%   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb   Ceg   Cmb		05 17-01	AIERB					;	
LONGTUDE   LONGTUDE						3	Z		
Color   Colo	LATITUDE	LONGITUDE	TIME (GMT)			WIND DIRN.			A. NAME/ID
		NIM	MO YR HR	(°C)					
FIRMATHE 1085   SPECIAL ON FORTH   PREMATHER 1085   SPECIAL ON FORTH   PREMATHER 1085   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PREMATHER 1087   SPECIAL ON FORTH   PROPERTY   PROPE	16.60	30.85	ep17303					M	(150)
See43-Oxy (pri   Pelluarks: Notul (Ast   Pelluarks:		FLUOR S/N	WEATHER O	BS:	SF	./Bottom Тетр.		MAX. DEPT	<u> </u>
Set 3-ov (sec   Para sin   Para		SBE43-0xy (pri	REMARKS:	Normak	(AST				
PAR SIN	NS	SBE43-0xy (sec			4				
And SAN   Serson	NS	Transmissomete							
D2 Trup Senson   D2 Trup Senson   Sal	NS	PAR S/N			_				
Rosette Notes	) Si	D2 Tmp Senson		•					A. Annua
SALT   Nut. Bt   O2-8t. MOICAMK   SF Vol   PL Large Vol GEE-Dup V-19 story   Story   Pc Vol					}				
SALT   Nut. Bt   0.2-Bit Noticyalk   SFF Vol   210 Large Vol   GEF Delp V-10 dep V   1	DEPTH Rosette Notes	Hydro Team-PMEL	Chloro	25 6	d			,	
410 470 471 473 473 473 473 474 475 477 477 478 479 479 479 479 479 479 479 479	DESIRED SALT	Nut.Btl O2-Btl.NDIC/Alk	GFF Vol > 10 Large Vo	-	- dab-ve 500 1				
中で 中で 中で 中で 中で 中で 中で 中で 中で 中で		1469							П
HTO		•	>			>	•		2
		470	\ \	>	<b>&gt;</b>	>	>		Э
	1 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	7	\ \	>	` \	`	>		4
		47	<u></u>		\ 	>			5
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	473		>	\ \	>	>		9
8         9         10         10         11         12         12									7
The state of the		,	-						8
10									6
11	1								10
17									11
									12

VESSEL	CRUISE ID	PROJECT & LEG CTD FileName:	Vame:	STATION NO.
Ocean Starr	OS 17-01	NPRB AIERB Lėg2		
			22	
CONSC LATITUDE	LONGITUDE	TIME ORY BULB RI	RH Pressure DIRN. SPD.	BOTTOM DEPTH STA. NAME/ID
DEG MIN	DEG MIN DAY	MO YR HR MIN (°C)	(%) (mb) (deg) (kts)	(m)
1067030.118	16400.0231	2 Sep 1 7 0235   .		43 CHI304
SBE 9+	FLUOR S/N	WEATHER OBS:	SFC/Bottom Temp.	MAX. DEPTH =
PRESS SN	SBE43-Oxy (pri	REMARKS:		Light Allender Co.
PRI TEMP SN	SBE43-0xy (sec			
SEC TEMP SN	Transmissomete			
PRI COND SN	PAR S/N			
SEC COND Sh	D2 Tmp Senson			
Nis DEPTH Rosette Notes	Hydro Team-PMEL	Chloro	GFF POP FCM	Flow Fally FP Nis
No. DESIRED SALT	T Nut.Btl O2-Btl.NDIC/Alk	20 Large VolGEE Dup	11 005lp v dab 41 11 11 11 11 11 11 11 11 11 11 11 11	Cam Acid total fraction
1 38	474		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
2 30	475	`		
3 20 Chlmx	476	<u></u>		m
4 10	477	<b>&gt;</b>		4
5 SULF 19	92 478313		9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	5
9				9
7				7
8		∰ <b>=</b> 1		8
6			\$ 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6
10				10
11				, 111
12				12

CAST #   C	VESSEL	CRUI	CRUISE ID		PROJECT & LEG	, LEG	CTD	CTD FileName:			S	STAFION NO.		
TIME	n Starr	90	17-01	- Kin		1								
CONGTIUDE										<u> </u>	Z			
C   AIN   DC   AIN   DD   MO   YP   HR MIN   (°C)   (%)   (°C)		LONGITUDE			TIME (GMT)	DRY BULB					ОМ БЕРТН	STA. NAME/ID		
C 34   47				DAY	Н	HR	(°C)	(%)	(mb)		(S)	(m)		
House SAI	77039.	7 N	30.	103	e p 1	14						34	<u>م</u>	10
Set 3-0xy (for   REMARKS: LAP   As 1859 TO LITH WHO OF DOTTOLL	SBE 9+	1	UOR S/N			WEATHER O	BS:		SFC/B(	ttom Temp.		MAX. C	)EPTH =	
Fansanissometr   Page Set 3 Ony (sec   Page Set 3) On   Page Set 3 Ony (sec   Page Set 3) On   Page Set 3) On   Page Set 3 Ony (set 1) On   Page Set 3 Ony (set 1) On   Page Set 4 Ony (set 1) On   Page Set 4 Ony (set 1) On   Page Set 4 Ony (set 1) On   Page Set 4 Ony (set 1) On   Page Set 4 Ony (set 1) On   Page Set 4 Ony (set 1) On   Page Set 4 Ony (set 1) On   Page Set 4 Ony (set 1) On   Page Set 4 Ony (set 1) On   Page Set 4 Ony (set 1) On   Page Set 4 Ony (set 1) O	PRESS SN	15	3E43-0xy (pri			REMARKS:	W5/1	13 Y W	\- -	WITH			702	
Park Sin   Solution    PRI TEMP SN		3E43-0xy (sec										ar on one men ever depth of which	Ÿ.	
PAR SN   Senson   State Notes	SEC TEMP SN	<u> </u>	ansmissomete											T
Dot Trip Senson   S	PRI COND SN	_&	VR S/N			,								T
Salt   Nut. Bet   Chique   Salt   Nut. Bet   Chique   Salt   Nut. Bet   Chique   Salt   Nut. Bet   Chique   Salt   Nut. Bet   Salt	SEC COND SI	Ö	2 Tmp Senson				200000000000000000000000000000000000000							
1944   Hydro Team-PMEL   Chiqyo   25 GFF   Pop   PcM   Flew   Fally   Proposette Notes   Pop   PcM   Pop   PcM   Pop   PcM   Pop   PcM   Pop   PcM   Pop   PcM   Pop   PcM														T
194   478   314			ydro Team-PMEL		Chloro		25	GFF			Flow	西		S
14th 485 31th	DESIRED		ut.Btl 02-Btl.ND			10 Large Vo	4	-10 dab	ve 500 ml		Cam	Acid	中国	9
1481       183	29	1 491			>				\	>	1		1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	н
	90	7			\		>	<b>\</b>	>	\	>			7
	0		482		>				>	>	1			т
4       1	SURF		483		>		>	>	>	>	>			4
4         4														2
7       8       9       10       10       10       11				2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2										9
8         9         10         11         11         12														7
9       10       10       11       12														8
								1 1 3 3 3 9		1 1 1 1 1 1 1	1 1 2 3 1 1 1 1	2 2 1 1 1 1 1 1		0
11														10
12														11
														12
											<del>-</del>			

		<del></del>	Γ	Ŋ				T			Nis	9		7	m	4	2	9	~	ω	6	10	11	12	
		STA. NAME/ID		0								7													6 6
		STA. N		せび	= HTH=	İ					d	total		>				>	/		>			1	9 9 1 1 1
NO.		HT.		34	MAX. DEPTH							الم							·/		1				
STATION NO.		ВОТТОМ ВЕРТН	(m)				2				尨	Acid								>					t t 3
is_		BOTT				CAS-	T V	,			190	y y													
		WIN D SPD.			етр.	100	٥	7				0					-								
		WIND DIRN.	(ded)		SFC/Bottom Temp.	ر ک ک	14	7			FCM														
		Pressure	(mb)		SFC/E	Pear	131				<b>д</b> од	1500 ml							1						
ame:						444	<u>-</u> بر پ	アンだって			977	V>10 dup v													* * * * * * * * * * * * * * * * * * *
CTD FileName:		B. RH	(%)			PRIMAL	1-1			•	<u>.</u>	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					_		-				-	-	
<u>U</u>		DRY BULB	000			1-	10	FTEN			25	FF Du							1 1 1 1 1						i 1 1 5
	Leg2		z	70	WEATHER OBS:	RKS:		∢				20 Large VolGEF Du								-					1
LEG	AIERB	TIME (GMT)	-	_	WEAT	REMARKS		ļ	1			20 Lan					1 1 1 1								1
PROJECT & LEG			J YR	٥			1			1	Chloro	lov													
PRC	NPRB		DAY MO	AS e																					
			٥	4								DIC/AIK							1 1 1 1 1						1
		rude	N N N			(pri	(sec	nete		nost	Hydro Team-PMEL	02-Btl.NDIC/Alk													
<u></u>	7-01	LONGITUDE	_	4	FLUOR S/N	5BE43-0xy (pri	SBE43-Oxy (sec	Transmissomete	PAR S/N	pz imp senson	dro Tea	Nut.Btl O													
CRUISE ID	OS 17-01		DEG		FLU	286	8	<u>Ig</u>	¥ ?	70	Hyo														
				00 Z Q							Si	SALT													1
ł.		LATITUDE	N N	0							Rosette Notes														
		<u> </u>	DEG	03			NS .	P SN	SN C	יצ ט 										1.1	4.7	, i			
-	Starr	*	1-	087	586 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SE	DEРТН	DESIRED	29	99	50	20	20	01	9	SURF	SURF	Sult	2026		1
VESSEL	Dcean	CONSC CAST #		7	-15			ĬĞ.		Î	Nis	o Š		7	М	4	S	ဖ		∞		10	17	12	

VESSEL	CRUISE ID	PROJECT & LEG	CTD FI	CTD FileName:			STATION NO.	
Dcean Starr	OS 17-01	NPRB AIERB Le	Leg2		i			
						141747		
CONSC CAST # LATITUDE	LONGITUDE	TIME (GMT)	E r) ORY BULB	RH Pre	Pressure DIF	WIND D DIRN. SPD.	воттом рертн	STA, NAME/ID
DEG MIN	DEG MIN DAY	MO YR HR	MIN (°C)	) (%)	) (qm)	(deg) (kts)	(m)	
1096959.9163	16465.8631	25ep173	٠.				(3)	, CH 104
SBE 9+	FLUOR S/N	WEATHER OBS:	ER OBS:		SFC/Bottom Temp.	n Temp.	MAX. E	MAX. DEPTH =
PRESS SN	SBE43-0xy (pri	REMARKS	KS:					
PRI TEMP SN	SBE43-0xy (sec					1		
SEC TEMP SN	Transmissomete							
PRI COND SN	PAR S/N	*						
SEC COND St	D2 Tmp Senson		•					
Nis DEPTH Rosette Notes	Hydro Team-PMEL	Chloro	25	950	d <sub>od</sub>	FCM F	Flow Fally	PP
No. DESIRED SALT	Nut.Btl   O2-Btl.NDIC/Alk	GFF Vol 20 Large	20 Large VolGEF Dup V	V> 18 dap vol500 ml	500 ml			14 X 100
1 28	484 315							1
	 	>						2
	485	>	>	\		>	>	3
6/ 4	186							4
5 10		>						30
6 5UR	481	>				>	>	9
7								7
80			50					8
6					9			6
10								10
11								11
12								12
		Transcooper			, , , , ,			

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:			STATION NO.	
Ocean Starr	05 17-01	NPRB AIERB Leg2			,		
					N N		
CONSC LATITUDE	LONGITUDE	TIME OR	DRY BULB RH	WIND Pressure DIRN.	SPD.	ВОТТОМ DEPTH	STA. NAME/ID
DEG MIN	DEG MIN DAY	MO YR HR MIN	(%) (C)	(mb) (deg)	(kts)	(m)	
1107000.104	6535. So ∞	3 Sep 1 7 1 4 04				<del>-</del> <del>-</del> <del>-</del> <del>-</del> <del>-</del> <del>-</del> <del>-</del> <del>-</del> <del>-</del> <del>-</del>	CHIO3
SBE 9+	FLUOR S/N	WEATHER OBS:		SFC/Bottom Temp.	Temp.	MAX. DEPTH	EPTH=
PRESS SN	SBE43-0xy (pri	REMARKS:				10.0-1-3-100-4-0-9-0-9-	
PRI TEMP SN	SBE43-0xy (sec						
SEC TEMP SN	Transmissomete						
PRI COND SN	PAR S/N						
SEC COND Sh	) 22 Tmp Senson		:::•				
					ll l		8
Nis DEPTH (Rosette Notes	Hydro leam-PMEL		2) G	2	FCM FLOW	747	
No. DESIRED SALT	Nut.Bti O2-Bti.NDiC/Alk	GFF Vol >20 Large VolGEF Du	E.Dup-V>-10-dap-v	ve[500 m]	Cam	Acid	100 TA
1 35 19	18h 06						1
2 30	490	<b>&gt;</b>	\		_		2
3 20	164	\ \					Ж
4 10	492	>	/		>		4
5 SURF	493316	<b>&gt;</b>		<b>&gt;</b>			2
9							9
							7
00							80
6							6
10							10
11						1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	11
12	1						12
	-	45.					

VESSEL	CRUISE ID	PROJECT & LEG CTD FileName:	STATION NO.
Ocean Starr	OS 17-01	NPRB AIERB Leg2	
			N. S. S. S. S. S. S. S. S. S. S. S. S. S.
CONSC LATITUDE	LONGITUDE	TIME (GMT) DRY BULB RH Pressure	WIND DD BOTTOM DEPTH STA. NAME/ID
DEG MIN	DEG MIN DAY	MO YR HR MIN (°C) (%) (mb)	(deg) (kts) (m)
1117000.146	16700.18W	3 Sep17 222	47 CHIO2
SBE 9+	FLUOR S/N	WEATHER OBS: SFC/Bol	SFC/Bottom Temp. MAX, DEPTH =
PRESS SN	SBE43-0xy (pri	REMARKS: PRINARY PR	PRODUCTIVE ORTI
PRI TEMP SN	SBE43-Oxy (sec		
SEC TEMP SN	Transmissomete		the state of the s
PRI COND SN	PAR S/N		A Light and Marrier .
SEC COND Sh	D2 Tmp Senson		
Nis DEPTH Rosette Notes	Hydro Team-PMEL	Chilgro 75 GFF POP	FCM Flow Fally PP Nis
No. DESIRED SALT	Nut.Btl O2-Btl.NDIC/Alk	GFF Vol >20 Large VolGEF Dup V> 10 dup vol500 ml	Cam Acid total free 120
1 30			
2 30			X X 2
3 30			E 3
4 10		Z	4
5 10			5
0/9			9
7 SURF		2	7 / 1 / 7
8 SURF			8
4ZI0 S 6			6
10			10
11	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		11
12			12
J			

TIME   AIRR Lég2   TIME   TI	CRUISE ID
TIME	OS 17-01
Children   Common	LONGITUDE
WEATHER OBS:  WEATHER OBS:  REMARKS: Nother Carr Little Extrol Scribts  Chiqo  Y  V  V  V  V  V  V  V  V  V  V  V  V	DEG MIN DAY
NEMARKS: Norwal Cacy Later Extra Sorties  The Max Depth = Max Dept	16658.55 m13s
REMARKS: Norwal Cart with Extra Extra Really Proposed to the Size of the Size	FLUOR S/N
20 Large Vol GET-Dup VY-10 dept-Vul S00 ml  Cam Acid table   20	SBE43-0xy (pri
POP FCM Flow Fally PP PCD Large Vol GEF Dup by 10 depty (1500 ml) Com Acid tubul Rize Vol Com Acid tub	SBE43-Oxy (sec
PLO Large Vol GLE-Dup Vor 10° dupp vol 10° d	PAR S/N
25 GFF POP FCM Flow Edity PP PLD Large Vol GFF Dup V2 10 dup v 10	52 Tmp Senson
<b>210</b> Large Vol GEF. Due) V× 10° duep v (500 ml)	Hydro Team-PMEL
	Nut.Bti O2-Bti.NDIC/AIK GFF
	カシカ
	495
	496
A       A       B       A	464
7 8 8 9 10 11 11 12 12 13	HAR.
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VESSEL		I.R.	CRUISE ID		PRO	PROJECT & LEG	EG	CTD	CTD FileName:				STATION NO.		
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		:										New			
CONSC CAST #	LATITUDE		FONG	LONGITUDE			TIME (GMT)	DRY BULB	RH	Pressure	WIND V	SPD. BOT	ВОТТОМ DEPTH	STA. NAME/ID	۵
	DEG MIN		DEG	NIM	DAY MO	J YR	HR MIN	(°C)	(%)	(qm)	(deg)	(kts)	(m)		
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No. DESIRED		SALT	Nut.Btl	Nut.Bti O2-Bti.NDIC/Alk			ALO Large Vol GEF-De	4	o∧-dap-01-4∧	-A  500 ml		Yes.	Acid	क्षेत्र हुन	9.1
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