1ST STN on leg Z

VESSE	L		CRUISE IC)		PROJECT & LEG	1,100					STATION NO.	7.
		er Dyson	DY1408			BASIS Fall 2014,	Legs 1-3		LAMS H	AUL 1	20		<i>t</i> 3
CONS	SC CAST #	LATITUDE DEG MIN SSS7.58			9 w 0 5	DATE MO YR		DRY BULB (°C)	Relative Humidity (°C)	PRESSURE SEA STATE	WIND DIRN. (deg)	(kts) * * * (m)	STA, NAME/ID
	SBE 9+		FLUO			— I	PEMARKS	+ Sal	devie	<i>(- C</i>	> /4	MAX, DE	PTH= 1000 m
	PRESS SN PRI TEMP : SEC TEMP PRI COND	SN SN	SBE4	3-Oxy (prime) 3-Oxy (sec) missometer			10+50 700+1	n 2	2 track	5/0 b	ut w/o	6 × 460 m ffeet 2° Sch 10	s off more
	SEC COND												
Nis	DEPTH			tydro Team-PMEL	T	,		10 -	1.46	1		Comments	Nis
No.	DESIREO	25 25 HAS	SALT	Nut.Btl	O2-Btl.No		Chloro-I	>10	drb	>100	NO.		No.
,	Got		¥157	295	× 0.37		-			 	ļ		1
2	300			296			<u> </u>						. 2
3	250			297									3
4	100	3	9	298									4
5_	75	-		299									5
6	50	1	9	300			×						6
7	40	50 0		301			X						7
	30			302			×						8
8	20			303			X	X					9
9	10	100	9	304			X	×	 	×			
10	0	19	7	345			X	1					10
11							 		1	\vdash			11
12		1000	6			1							12

VESSI		ar Dyson		CRUISE ID			PROJECT & LEG		CL	AMS	HA	11/	/5-3	S	TATION	NO.	1	76
	SC CAST	LATITU DEG MIN	JDE 79 N	DEG	LONGITUDE MIN	2 w C	DATE	TIME (GMT) R HR MIN	DRY BULB	Relative Humidity (°C)	8 (dw)	SEA STATE VISIBILITY	WIND DIRN. SPI). [중]	TYPE WEATHER	BOTTOM DEPTH (m)	STA. NA	ME/ID
	S8E 9+	-		FLUOR S	S/N			REMARKS								MAX. DEPTI	1= 97	<u>_ m</u>
	PRESS SA PRI TEMP SEC TEM PRI COND	P SN		SBE43-	Oxy (prime) Oxy (sec) issometer N													
Nis	SEC CON DEPTI-			Hyd	dro Team-PMEL					·					Commo	ents		Nis
No.	DESIRE		S	SALT	Nut.Btl	O2-Btl.No		Chloro-l			├	_	-	 .				No.
1	Bot	-			306	<u> </u>						_						44
2	75				307						<u> </u>							2
3	50	5			308						L							3
4	40		:		309							┸						4
5	30)			310													5
6	20				311													6
7	10				3/2													7
8	0				313	× 10	Ö											8
9			=57															9
10	 			'														10
11	1	end eve	Wal	1 Sa	0 = 1	160	7											11
12			-	7														12

4.3

VESSI			CRUISE ID			PROJECT & LEG		01	OUY-	1/2	, /		- /	STATI	ON NO.	7	7
NOA	AS Osca	r Dyson	DY1408			BASIS Fall 2014	1, Legs 1-3	4	AXIS 1	4 144	<u> </u>	15	6	 		7	7
		LATITUDE EG MIN	DEG	LONGITUDE	DAY			DRY BULB	Relative Humidity (°C)	(G PRESSURE	SEA STATE VISIBILITY	(deg)	WIND SPD. (kts)	TYPE	(m)	STA. NAM	ME/ID
		5659.87	N Property	00 0	0 w 06	AUGI	40240	111.1/	810			038	35		80		
	SBE 9+ PRESS SN		FLUOR:	S/N Oxy (prime)		— I	REMARKS		·						MAX. DEPT	H = 73	m
	PRI TEMP S			Oxy (sec)													
	SEC TEMP :	SN	Transm	nissometer													
_	PRI COND S		PAR S/I	'N		— I			· · · · · · · · · · · · · · · · · · ·								
Nís	SEC COND DEPTH	Rosette Notes	Ну	dro Team-PMEL										Con	nments		Nis
No.	DESIRED	:===	SALT	Nut.Btl	O2-Btl.No		Chloro-I										No.
1	Bot			314	*107		,								······		1
2	50			3/5			_				┸	8					2
3	40			316	ļ <u>.</u>			©.			┸						3
4	30		V	3/7							┸						4
5_	20			318							1						5
6	10		X	319													6_
7	0		*/58	320						_							7
8										╙	\bot						8_
9		45					ļ				\bot						9
10			¥								┸						10
11.							1				1						11
12					- 11												12

VESSE				CRUISE ID			PROJECT & LEG		0	AM5	401	, /	11-	0	STATION	NO.	81	1
CONS	SC CAST #	LATITUDE SEG MIN 5729.4		DY1408 DEG 1 6 8	LONGITUDE MIN 59.9	1 w 6	DATE DAY MO YR	TIME (GMT)	DRY BULB	Relative Humidity (°C)		SEA STATE VISIBILITY		CTOOD (aut)	* TYPE * WEATHER	BOTTOM DEPTH (m)	STA. NA	
\Box	SBE 9+			FLUOR S	S/N				, ,	رر		,	10/1	7			H= 67	Z m
	PRESS SN PRI TEMP SEC TEMP PRI COND	SN		SBE43-0	Oxy (prime) Oxy (sec) issometer			Upper I	ayer, t	han n	s thin	5 .	Thei	19 n	Tur	00 m	<u> </u>	
Nis	SEC CONE			Lhei	dro Team-PMEL		i	1			1	1	i		Comm	ents.		Nis
No.	DESIRE		S	ALT	,	O2-Btl.No		Chloro-l	!		 				-			No.
1_	Bot	- 66	IE		321													1
2	50				322													2
3	40	-	1		323													3
4	30	×	ā		324					!								4
5	20				325													5
6	10		7/2		326													6
7	0				327	* 1)	8									<u>-</u>		7
В			55															8_
9			13									\perp						9
10												\perp						10
11		n Eww Si										\perp	\perp					11
12		şii	1.5															12

VESSI			CRUISE II			PROJECT & LEG		ME	MS H	Dul		11,4)	STATION	I NO.	8	33
	. 1	LATITUDE EG MIN 5730.20	DY140	LONGITUDE	DAY	DATE MO YR	TIME (GMT)	DRY BULB (°C)	Relative Humidity (°C)			WIND DIRN.	WIND Onoro	* TYPE * WEATHER	BOTTOM DEPTH (m)	STA, NAM	NE/ID
	SBE 9+ PRESS SN PRI TEMP S SEC TEMP	SN	SBE4	OR S/N			REMARKS								MAX. DEPT	н= 65	m
Nis	PRI COND S SEC COND DEPTH	SN	PAR	S/N			1		-	1		······································	······································	Comm	ente		Nis
No.	DESIRED	Rosette Notes	SALT	Nut.Btl	02-Btl.No	<u> </u>	Chloro-l		1	 	+-			Contan	ents		No.
,	Bot	+	×159	328	× 150												\prod_{j}
2	50			329							$oldsymbol{\perp}$						2
3	40			330						lacksquare							3
4	30		Ē	331			1			_	-						4
5	20		1	332							┸						5
6	10		8	333							┸						6
7	0			334													7
8									ļ <u></u>	L	┸						8
9							1			$ldsymbol{f eta}$	\perp						9
10		F1 3	2				1				\perp						10
11											\bot						1,,
12																	12

VES:	SEL				CRUISE	ID				PRO	OJEC	T & L	.EG					// 6	3 :				,	STA	ATIC	N NO.	84	
NO.	AAS O	scar [Dyson		DY140	8				BA	SIS F	Fall 2	014,	Legs 1	-3	CLAMS	S HAUL#	ا لي و	5								U	
	ONSC AST#		LATITUDE			LONG	SITUDE			DAT	TE		1	ΓΙΜΕ (G	MT)	DRY BULB	Relative Humidity	1939	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAM	viE/ID
		DEG	MIN		DEG		MIN		DA'	ΥI	МО	YI	R	HR A	AIN	(°C)	(°C)	(mt		*	(deg)	(kts)	• •	_	•	(m)		
	45	58	00.51	N	167	7 5	7.2	0 w	0-	7 s	EP	1	4 6	312	0	12.2	84.	10	10		091	23				68		
	SBE 9+				FLUC	OR S/N					_		R	REMARK	(S								*******			MAX. DEP	<u> тн= 6</u>	2
	PRESS	SN			SBE4	43-Оху ((prime)						_															
	PRI TEM	MP SN			SBE4	43-Оху ((sec)										***************************************	**********	,,,,,,,,,,,,								***************************************	
	SEC TE	MP SN			Trans	smisson	neter				_		_															
	PRI COI	ND SN			PAR	S/N	<u></u>										***************************************											
	SEC CC	OND SN																-11		-11		1						
Nis	DEPTI	H Ros	ette Notes	$oxed{oxed}$	Н	lydro Te	am-PMEL						4					4		4		<u> </u>		Co	mmo	ents		Nis
No.	DESIRE	ED	. ,	SAI	LT	Nut.E	3tl	O2-Btl.	.No				<u> </u>	Chloro	-1	>10	dup			4		<u> </u>						No.
1	Bo	+				3	35																	*				1
2	50						36		•							3								·				2
-													┪							╁								
3	40			_		3	37			+			4					_		4								3
4	30					ق	38																					4
5	20					15	339																					5
	10					1	40												•									
6	_	-				\neg				+			╬		-			╫		+		-						6
7	0		,			3	41.	16	5/				_							_								7
8								!																				8
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10		_		-	. , ,					+			-		-			_		4								10
11																												11
																												10
12	<u> </u>			1				<u> </u>									<u> </u>					<u> </u>						12

VES				CRUISE				1	CT & LE							7-	2 1			STA	ATIC	N NO.	88	>
NO	AAS O	scar D	yson	DY140)8			BASIS	Fall 201	I4, Leg	s 1-3		CL	AMS HAL						-	_		00	7
	ONSC AST#	DEG	LATITUDE AND I	DEG	LONGITUDE		DAY	DATE	YR		(GMT)	DRY E		Relative Humidity	PRESSURE	* SEA STATE	* VISIBILITY	WIND DIRN. (deg)	WIND SPD.	CLOUD (amt)	* WEATHER	BOTTOM DEPTH (m)	STA. NA	ME/ID
	_		MIN 00.18			2 1	_	-						95.	06		\forall	118		\dashv	\top	64		
Ħ	l	0 0	001.1181	II II	DR S/N	4 3 W	017	SE	P 1 4	REMA		10	. 5	75	0 6	9	Ш	1110	K D				PTH = 5	2
	SBE 9+ PRESS	- SN			 43-Oxy (prime)					KEMA	IRNO			10-		**********	••••••					INAX. DE	-m- <u>()</u>	-
	PRI TEA	-			43-Oxy (sec)																			
	SEC TE	_			smissometer					***************************************	***************************************					***********	*********			***************	.,,,,,,,,,	***************************************	***************************************	***************************************
	PRI CO	-		PAR	_					1000000							_							
	SEC CC	ND SN			ilia.	de Mala									_									· · · · · · · · · · · · · · · · · · ·
Nis		_ _	ette Notes	ŀ	lydro Team-PME	L														C	omm	ents		Nis
No.	DESIRE	D		SALT	Nut.Btl	O2-Btl.	No	<u> </u>		Chi	loro-l	>10		dup	<u> </u>									No.
1	Bot	-			342	* /	168	2																1
2	50				343							:												2
3	40				344																			3
	77 ~				71.0																			
4_	30	4			345										-									4
5	20				346					ļ										_				5
6	10				347																			6
7	6		7	×160	348														Bo7	Wer wer	br.	still:	Sompl	2/7
8												:							xlu	146	Sh	1-	·	8
9	ļ	╬			-	-				ļ					<u> </u>	\dashv								9
10																								10
																\neg								1.5
11		_													<u> </u>									11
12																i								12

VES	SEL			CI	RUISE I	D			PROJ	ECT &	LEG											ST	ATIO	ON NO.	90	
NO.	AAS O	scar D	yson	D	Y1408				BASIS	S Fall 2	2014	, Legs 1-3		CL	AMS HA	UL#	/	<i>+</i> :	5	,		L			70	
O CA	NSC AST#		LATITUDE		L	.ONGITUDE			DATE			TIME (GMT)	DRY	BULB	Relative Humidity	PRESSURE	SEA STATE	VISIBILITY		WIN	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAM	ME/ID
		DEG	MIN		DEG	MIN	\prod	DAY	МО	Y	R	HR MIN	C	C)	(°C)	(mb)	ŀ	•	(deg)	(kts)	+	٠	·	(m)		f
	47	5 3.	30 . 35	N L	67	01.3	Ow	67	SE	P 1	4 0	2145	111	. 8	99 .	05			111	26	,			46		
	SBE 9+				FLUOR	R S/N				_	Ŀ	REMARKS												MAX. DEF	×тн= <u>З</u>	4
	PRESS	SN _			SBE43	-Oxy (prime)				.	_	Vory	COU	94	ceas,	ple	24	iu	, 1+	- 8	<u>a </u>	0				
	PRI TEM	AP SN _			SBE43-	-Oxy (sec)				.		Α		······		*					.,	********				
	SEC TE	MP SN_		_	Transm	nissometer				-	-			<u>.</u>	<u> </u>											
	PRI CO	ND SN_		<u> </u>	PAR S/	'N				-		***********	,		***************************************	******						********		**********************	***************************************	
	SEC CO										<u></u>					1				ir—			•			Nis
Nis			ette Notes			dro Team-PMEI		*1-	T		\dashv	Ohless			dua			-		┢			Jomn	nents		No.
No.	DESIRE	D		SALT		Nut.Btl	O2-Btl.	NO	-		╬	Chloro-I	>10		dup											140.
1	Bot					349										<u> </u>										1
2	30					350																				2
	200				-	351																-				
3	OCC.	_				001					╬		\vdash			-		-	1							3
4	10					352													Ų.						, ,	4
5	,0					353	17.	2												H				re if	1	5
						and the state of t		i)		•							7			1	gh	#	1	riskii		
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7																										7
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10							\vdash		-		\dashv					\vdash				-						10
11																										44
m		\dashv									\dashv					1	-									11
12																										12

VES	SEL			CRUISE	ID			PROJE	CT & LE	G						1	7(?		s	TATI	ON NO.	91	
NO	AAS O	scar Dy	son	DY140	8			BASIS	Fall 201	14, Legs	1-3		CL	AMS HAL		17	7 0)			-	*		
CA	NSC ST#	L	ATITUDE		LONGITUDE			DATE		TIME	(GMT)	DRY B	ULB	Relative Humidity	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAI	ME/ID
			MIN	DEG	MIN		DAY	MO	YR	HR	MIN	(°C		(°C)	(mb)	•	•	(deg)	(kts)	•	*	(m)		
0	48	583	0.43	1167	59 9	ZW	08	SE	P 1 4	02	35	12	. 2	99.0	1002.			124	17			54		
	SBE 9+			FLUC	R S/N					REMA	RKS	***************************************						********	***************************************			MAX. DEF	PTH = 45	5 1
	PRESS	sn		SBE4	3-Oxy (prime)													<u>.</u>						
	PRI TEN	AP SN		SBE4	3-Oxy (sec)					***************************************			***********	***************************************	*************								***************************************	,1154420-44000
L	SEC TE	MP SN		Trans	missometer																			
L	PRI CO	ND SN		PAR	S/N			 		***************************************				***************************************			*********	***************************************				*****************************	***************************************	
	SEC CC	$\overline{}$													ì——	_					C	nents		Nis
Nis			e Notes	SALT	ydro Team-PMEL Nut.Bti	O2-Bil.N	lo.	Ι			oro-l	>10		dup							Comi	Heirs		No.
NO.	DESIRE		-	ALI	IAUCOU	02-84.14					010-1	-10		uup			_							-
1	130	4	یا	141	354	*17	15																12	1
2	40	,			355		· .											l.						2
_	<u> </u>	+														-	-	i i						-
3	30				356		*.			 					_									3
4	20				35-7																			4
					358																			
5	10				008					╂		<u> </u>												5
6	0				359																			6
7		+	+		<u> </u>																			7
8_											_													8
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10																								10
										1														
11										<u> </u>														11
12																								12

VES	SEL			CRUISE I	ID	-		PRO.	JECT &	LEG	;										S.	TATI	ON NO.	>-	
11		scar Dyson		DY1408							t, Legs	1-3		CL	AMS HA	UL#	1	8						13	
C	ONSC AST#	LATITUDE DEG MIN	<u> </u>		LONGITUDE		DAY	DATE			TIME (BULB	Relative Humidity (°C)	3 PRESSURE	* SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (smt)	* WEATHER	BOTTOM DEPTH (m)	STA. NA	ME/ID
0	49		19.			5 w		1		4	14	58	11	9	98	96			157) 8			72		
F	SBE 9+		T (IN	FLUOF		10 100	14.0	<u> </u>		1	REMAR		7 1 2		1, 0	,	-			, 0			MAX. DEF	PTH= 6	7
	PRESS				-Oxy (prime)	-			_	'	*************	***************************************		*************	***************************************		************	•••••	***************************************						
	PRI TEI				-Oxy (sec)				_		.,	************	*********		***************************************	********		*********	***************		********	,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************
	SEC TE	MP SN		Transn	missometer				_	١.															
	PRI CO	ND SN		PAR S	/N				-			**********	***************************************	***************************************	*********************			*********			***************************************			.44.44.44.44.44.44.44.44.44.44.44.44.44	***************************************
		OND SN			dro Team-PME							,				1						Com	ments		Nis
Nis No.			S		Nut.Btl	O2-Btl.	.No	T		\dashv	Chlo	ro-l	>10)	dup	╁┈╴	-	\vdash							No.
			1		1											1		Ϊ		Ť					┰
1	301				360											ļ		<u> </u>		ļ					1
	50				361																				
2	 		\dashv		30						7							┢				—			2
3	40				362		۸.																		3
					363																				
4	30									\dashv						╫		┢		-				<u> </u>	4
5	20				364																				5
	10)																							
6			_		365	-										┢		┡		ļ		_			6
7	0				366	× 10	97																		7
Ė						74												▮							
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10																		L							10
11	1															\vdash									11
12		,											1												12

VES	SEL		CRUIS	SE ID			PROJECT	T & LE	G						10	Ш			S	TATI	ON NO.	9/	/]
NO	AAS O	scar Dyson	DY14	108			BASIS F	all 201	4, Leg	s 1-3		CL	AMS HAI						_			7-	7
CC	ONSC AST#	LATITUDE		LONGITUDE			DATE		TIME	(GMT)	DRY	BULB	Relative Humidity	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NA	ME/ID
		DEG MIN	DEC			DAY	МО	YR	HR	MIN	(°	C)	(°C)	(mb)	1		(deg)	(kts)	- -	+	(m)		i i
0	50	5829.5	6 N 16	900.3	2 w	08	SEP	1, 4	20	41	11	.8	92.	97	1		167	23			65		
	SBE 9+		11 11	UOR S/N					REMA	RKS		***********							***************************************		MAX. DEI	ртн = 🔗	9
	PRESS	SN		E43-Oxy (prime)																			
	PRI TEI	MP SN	SB	E43-Oxy (sec)					\- 			**********	***************************************	,-6>,-6					**********		****************		
	SEC TE	MP SN		ansmissometer _																			
<u> </u>	PRI CO		PA	R S/N					*************	***************	***************************************		***************************************	*************		.44 >474+74	\#!# !		***********	•••••			************
	SEC CC			Hydro Team-PME	1								•			1		1		Com	ments		Nis
Nis No.	1		SALT	Nut.Btl	O2-Btl.	Na	T		Ch	loro-l	>10		dup	\vdash		╟		 			1101112		No.
H) DEGIN		1													Ħ		1					
1	Bo	 		367	xa	15								<u> </u>									1
	1-5			368																			
2			_		+-				 -					╁		╢╌		1					2
3	40	•		369																			3
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	20	>		371																			
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6	10			372										L		L							6
	0	i	2162	373																			
7		_	X161	<u></u>	+				 					╂		-		 					7
8																							8
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9														lacksquare		_		-					9
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10	\parallel												-	+		\vdash		\blacksquare					10
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12													1										12

																										_
VES	SEL			c	RUISE II	D			PROJEC'	T & LE	G							**			s	TATK	ON NO.	QI.		
NC	AAS C	scar [Dyson		Y1408	,			BASIS F	all 201	14, Leg:	s 1-3		CL	AMS HAL	JL#	19	0						96	,	
C C	ONSC AST#	DEG	LATITUDE MIN		L	ONGITUDE		DAY	DATE MO	YR	TIME HR	(GMT)	DRY I		Relative Humidity	PRESSURE	* SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	* CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. N	<u>NAME</u>	/ID
0	51		COLOR SELECTION OF THE SECOND			58.5	7/					13) [4	99.0	996	T		153	I . I		+++	52			_
	SBE 9+		31.10	N /	FLUOR		2 1 W	Q."	SEP	1 4	REMA		/ '	• /	11.9	110	لبل		1195	<i>U</i> ₁		Ш	MAX. DEF	OTH =	45	4
	PRESS	100		╁	- 1	-Oxy (prime)					************	-ail	POL	ha 4	Frip Sc	106	>>C. 6	 2	a++4	 2 _	•••••	**********	IVIAX. DLI	111-	.0	
	PRI TE	100			≒ ।	-Oxy (sec)																		'n		
	SEC TE				III.	nissometer							*	***************************************				**********		***************************************	•••••	************			************	*********
	PRI CO	ND SN			PAR S/	/N					***************************************	***************************************														.,,
	SEC CO	$\neg \neg$				294 294					1							_		ir .						
Nis	11		sette Notes			dro Team-PME	_				-	3.70			<u> </u>	_		_			,	Comm	nents		_	Nis
No.	DESIR	ED		SALT		Nut.Btl	O2-Bti.	.No	+		Chi	loro-I	>10		dup			<u> </u>							_	No.
1	Bo	AL.				374	27	0																		1
2	40		AT 545 1 145	1		375																				2
3	30					376														92.0						3
4	20					377																				4
5	10					378																				5
6	0					370	- No		Not	al																6
7							:														Arta	- 200				7
8																										_
9																										8
10							\top																,			9
							+																			10
11																							- 80 - 12 x			11

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VES	SEL			CR	UISE II	D			PROJEC	T & LEG	3						1		,		s	TAT	ION NO.		
NO	4AS 0	scar [Dyson	DY	<u> 1408</u>				BASIS F	all 201	4, Legs	1-3		CL	AMS HAL		_	9	<u> </u>	1 1	_				
CA	NSC ST#		LATITUDE			ONGITUDE			DATE				DRY BU	LB	Relative Humidity		SEA STATE	VISIBILITY		WIND SPD.	TVDE	WEATHER	BOTTOM DEPTH	97 STA. NAMI	Z. E/ID
		DEG	MIN	_	DEG	MIN	<u> </u>	DAY		YR	HR	MIN	(°C)	1.	(°C)	(mb)	Н	•		(kts) *	+	+	(m)	i	1
0	52	58	30.33 N	L	69	59.3	34 n	109	SEP	1 4	154	0	11.	3	99.	96			174	19	\perp		71		
	SBE 9+			Ш	FLUOR	S/N					REMAI	RKS	***********		********************					******			MAX. DEF	TH = /_(_	r
	PRESS	SN .		Ш	SBE43-	Oxy (prime)																			
	PRI TEM	MP SN		Ц	SBE43-	Oxy (sec)					.,,	*******************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		***************************************					••••••		.,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	SEC TE	MP SN		Щ	Transm	issometer									_										
	PRI COI	ND SN		빌	PAR S/	N _						***********			***************************************					***************************************				,	
	SEC CC	$\neg $														<u> </u>	_								
	DEPTI	_	sette Notes			ro Team-PME									4		\dashv					Com	ments		Nis
No.	DESIRE		Į s	ALT		Nut.Btl	O2-Bt	I.No			Chlo	oro-I	>10		dup										No.
1	301	-		16	3	379																,			1
	50					380																			
2		1					 		1													-			2
3	40					381								_		 	_								3
4	30					382																	1		4
	20					383																			
5		-				حبہ ن مید	1		<u> </u>							 									5
6	6)			. l",		384		7 :																	6
7	0					385	20	41																	7
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10					ĺ																				10
11																								7-7-	11
14															L .	JL				l					12

VES	SEL			С	RUISE II	D			PROJE	ECT & LE	EG						11	9	, 1		s	TATI	ON NO.	00	
NO	AAS O	scar [Dyson	0	Y1408				BASIS	Fall 20	14, Leg	s 1-3		CL	AMS HA	JL#	_		1					78	
C/	ONSC AST#		LATITUDE			ONGITUDE		514	DATE			(GMT)			Relative Humidity	PRESSURE	* SEA STATE	WISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	* WEATHER	BOTTOM DEPTH (m)	STA. NAM	ME/ID
		DEG	MIN	100	DEG	MIN		DAY	MO			MIN		C)	(°C)	(mb)	╁		(deg)		-	\Box	1,17	T V	i
		<u>58</u>	59.97	N /	T T	002] w	59	SE	P 1	1.	09	/ /	. 2	711.1	98	1		71	/ 4		Ш	66		,
	SBE 9+	-		╬	FLUOR	_					REMA	ARKS					*****		••••	***************************************		*******	MAX. DEF	1H= (a/	
	PRESS	-		╬	~	Oxy (prime)																		``	
7	PRI TEM	•		╌	71	Oxy (sec)					***********	114764483447444			***************************************		******	********	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************			***************************************	***************************************	************
=	SEC TE	•	-	-	PAR S/	issometer																		-	
	SEC CC	•		╁	=						***************************************	••••••				***************************************	*********			***************************************	*********	*******	***************************************		*************
			ette Notes		Hyd	Iro Team-PMEL							•									Comr	nents		Nis
No.	DESIRE	D		SALT	т	Nut.Btl	O2-Btl.N	10			Ch	loro-l	>10)	dup	,									No.
1	Boi	A				386	26	,3																	1.
Ļ											-														
2	50	_ -				387					-					↓									2
3	40					388		*																	3
4	30					389																			4
5	20)	-			3%																			5
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9																									9
10	ļ	\bot														 	_								10
11											+					\vdash	\dashv								11
12																									12

VES	SEL			CRUISE	ID			PRO.	JECT & L	.EG							_	^			STAT	LION	NO.			
1	AAS O	scar D)yson	DY1408	8			BASI	IS Fall 2	014, Le	gs 1-3		CL	AMS HA			92							100)	
	ONSC AST#		LATITUDE		LONGITUDE			DATE			E (GMT)	DRY	BULB	Relative Humidity	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE		BOTTOM DEPTH	STA.	. NAME	≛/ID
		DEG	MIN	DEG	MIN		DAY	<u>MC</u>	O YE	R HR	MIN	<u>(°</u>	C)	(°C)	(mb)	*	•	(deg)	(kts)	*	1	+	(m)		l i	
0	64	59	30.14	N 16 9	57.°	ON	1/0	SE	P 1	4 06	22	10	.5	99.0	1000			141	7,3			\perp	62			
	SBE 9+			FLUO	R S/N				_	REM	ARKS		******	->->		**********	•••••	***************************************		*******	************		MAX. DEI	2TH =	57	P
	PRESS	SN			3-Oxy (prime)				-											—	—					
Ļ	PRI TE	-			3-Oxy (sec)				-	***************************************	****************		617661\T4[991844	***************************************				***************************************	************	,	***************************************		**************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
닏	SEC TE	-	·		_				-											_						
┡	PRI CO	-		PAR S	5/N				-	*********			***********	•••••••••••		*********	••••••	***************************************	***************************************	******	***********		•••••	***************************************	·***********	**********
Nis			ette Notes	<u>————————————————————————————————————</u>	ydro Team-PME	L															Con	nmer	ıts			Nis
No.	DESIR	ED		SALT	Nut.Btl	O2-Bt	I.No			С	hioro-i	>10		dup												No.
1	Bot				393													_								1
2	(77)				394													•								2
3	40				395																					3
4	30				396											·										4
5	20)			397											!										5
6	10				398																					6
7	0			164	399	21	5											·								7
8																										8
9																										9
10																										10
11																										11
12																			.*							12

17 U,6 6 00 1113 X VUIF STATION NO. PROJECT & LEG VESSEL CRUISE ID CLAMS HAUL# BASIS Fall 2014, Legs 1-3 DY1408 NOAAS Oscar Dyson GOOD (amt)
TYPE
WEATHER SEA STATE VISIBILITY PRESSURE WIND **BOTTOM** Relative CONSC DIRN. DEPTH STA. NAME/ID DATE TIME (GMT) DRY BULB Humidity LONGITUDE CAST# LATITUDE MIN (mb) DAY YR HR (°C) (deg) (m) DEG MIN MO DEG MIN 1456 00.10 w10 SEP14 MAX. DEPTH = **REMARKS** FLUOR S/N SBE 9+ SBE43-Oxy (prime) PRESS SN SBE43-Oxy (sec) PRI TEMP SN SEC TEMP SN Transmissometer PAR S/N PRI COND SN SEC COND SN Nis DEPTH Rosette Notes Hydro Team-PMEL Comments DESIRED SALT Nut.Btl O2-Btl.No Chloro-I >10 dup No. No. 400 1301 401 50 2 2 402 40 3 3 403 404 5 405 6 6 406 0 7 7 8 8 9 9 10 10 11 11

VES:	SEL			С	RUISE I	D					PRO	JEC	T & LE	G) (4	4			ST	ATIO	ON NO.	10=	,
NO	AAS O	scar [Dyson	D	Y1408						BAS	IS F	all 20	14, Le	gs 1	-3		CL	AMS HA	<u>UL #</u>	0		/				_		105)
CC CA	NSC ST#		LATITUDE		L	ONGIT	UDE			ļ	DAT	<u>E</u>		TIM	E (G	MT).	DRY E		Relative Humidity	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAM	ME/ID
		DEG	MIN		DEG		MIN	_	D/	AY	М	10	YR	HR		NIN	(°C	;)	(°C)	(mb)	1	•	(deg)	(kts)	Ŀ	•	1	(m)		1
٥	56	58	59.88	N 1	70	59	.64	/ v	v /	9	SE	E P	1 4	20	3	0	11	. 6	99.	62	<u> </u>		184	15				78		
	SBE 9+			L	FLUOR	S/N						_		REN	IAR	(S	*********		************				********					MAX. DEF	PTH = 74	4
	PRESS	SN .			SBE43-	-Oxy (pri	ime)																							
	PRI TEM				SBE43-							_																*******		**********
	SEC TE	MP SN			Transm	issomet	er					_																		
	PRI COI	ND SN			PAR S/	'N											***********		***************************************									**-****		····
	SEC CC	ND SN																												
Nis	DEPTH	H Ros	ette Notes		Нус	iro Tean	n-PMEL																			С	omn	nents		Nis
No.	DESIRE	D		SALT	r .	Nut.Btl	0	2-BI	l.No					<u>ا</u>	Chloro)-I	>10		dup											No.
	Bas			,		40	7																							
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6	10					41	2																							6
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11						<u> </u>				4				╫		-				-		<u> </u>								11
12																														12

VES	SEL		CRUISE	ID		F	PROJE	CT & LE	G							^	07		ST	ATI	ON NO.	10	
NO.	AAS O	scar Dyson	DY1408	8	·	E	BASIS	Fall 201	14, Leg	s 1-3		CL	AMS HAL	JL#	(<u>الح</u>	7		_			104	
CC CA	NSC ST#	LATITUDE		LONGITUDE		$\overline{}$	DATE	YR		(GMT)	DRY E	BULB	Relative Humidity (°C)	PRESSURE	* SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. 1	TYPE	* WEATHER	BOTTOM DEPTH (m)	STA. NAM	ME/ID
	. 1	DEG MIN	DEG	MIN	0	DAY	MO		1	1 1	1			1797.00		Н	0.03 114		\top	П	83	1 1	
0) /	5830 . 12	1 1	59.9	8 W	1	SE	P 1 4		45	[/ /	. 7	94.	0/	L		1 49	1 7	Т.	Ш	MAX. DEF	тн= <i>8</i>	<u>ا</u>
-	SBE 9+		FLUO	_					REMA	RKS	***************************************	•••••	***************************************	••••••	**********	,,,		••••••••••	*******	•••••	MAX. DEF	1H= 00	
	PRESS			3-Oxy (prime) 3-Oxy (sec)																		· ·	
	PRI TEI	4		missometer					400000000000000000000000000000000000000		***************************************				********		*****************	***************************************		********		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	PRI CO		PAR S																				
	SEC CC								***************************************	***************************************													
Nis	DEPT	Rosette Notes	Hy	ydro Team-PMEI	L										Ì					Comr	nents		Nis
No.	DESIR	ED	SALT	Nut.Btl	O2-Bti.I	No			Ch	loro-l	>10		dup					<u> </u>					No.
1	Bo	+	165	414	218	0																	1
2	50			415																			2
3	42)		416																			3
4	30)		417																			4
5	20)		418																			5
6	10			419																			6
7	0			420																			7
8																							
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11				ļ					-					 				ļ					11
12	!																						12

VES	SEL		2.40	С	RUISE II	D		PR	ROJECT	& LEC	3)	1		s	TATI	ON NO.	60	
NO	AAS O	scar D	Dyson		Y1408	-x		BA	ASIS Fal	I 201	4, Legs	1-3		CL	AMS HAL			</td <td>1</td> <td></td> <td>\perp</td> <td></td> <td></td> <td>20</td> <td></td>	1		\perp			20	
CC CA	ONSC AST#		LATITUDE			ONGITUDE			ATE.		TIME (Relative Humidity	PRESSURE	SEA STATE	VISIBILITY		WIND SPD.	CLOUD (amt)	WEATHER		STA. NAM	IE/ID
		DEG	MIN		DEG	MIN	516-311		MO	YR_		MIN	(°0	14.	(°C)	(mb)	╀	•	(deg)	(kts)	• •	+	(m)		
0	58	58	30.39	N /	72	00.1	5 w	//s	ЕР	1 4	145	55	11/	. 3	9/	97	!		219	8			99		İ
	SBE 9+	-		_ _	FLUOR	. S/N					REMAR	KS	***************************************				*********	******		***************************************	*******	********	MAX. DE	PTH = 93	
	PRESS	-		-	7	-Oxy (prime)									· · · · · ·								 	<u> </u>	
	PRI TEM	-			7	-Oxy (sec)					***************************************	**********	************		***************************************						•••••	**********	*******************************		••••••
	SEC TE	-		_	= Transm PAR S/	nissometer			_																
	PRI CO	-		╬									*******		>>>>>>>>	***************************************	*********								************
Nis		7	ette Notes		Hyd	dro Team-PMEL	,		_			• • • • •										Com	ments		Nis
No.	DESIRE	ĒD		SAL	Т	Nut.Btl	O2-Btl.Ne				Chlo	ro-l	>10		dup										No.
1	Bo					421																			1
	75	-				427		<u> </u>															·. ···		
2		-				423																			2
3	57)	_ _				745	ļ	*					 _							 -					.3
4	40					424																	<u>.</u>		4
5	30)				425																			5
6	20		····			426																			6
	10		- · · · -			427																			
7	0	╁		11	66	1100	28	r d																	7
8		+		16	2 (1)	, 0-0	481													\vdash					8
9																									9
10		+						-								-									10
11																									11
Ë																									1"
12																									12

VES	SEL			7	CRUISE I	D			PROJ	IECT &	LEG								988	2		S.	TATIC	ON NO.		101	^
11		scar l	Dyson	1	DY1408				BASI	S Fall 2	2014,	Legs	1-3		CL	AMS HAL	JL#			/						100	<u> </u>
CC CA	NSC ST#		LATITUDE			ONGITUDE			DATE					DRY I		Relative Humidity	PRESSURE	SEA STATE	VISIBILITY		WIND SPD.	CLOUD (amt)	WEATHER	BOTTON DEPTH	1	STA. NAM	ME/ID
		DEG	MIN	Щ	DEG	MIN		DAY				$\overline{}$	MIN	(*(- 36 -	(°C)	(mb)	╀	╀┤	(deg)	(kts)	+	╬┼	(m)		1 T	<u> </u>
0	59	58	00.04	N	171	59.6	<u>5</u> v	1	/ S E	P 1	4 6	203	38	11	. 8	82.	98			180	12			10.		1 4	
	SBE 9+		-	<u> </u>	FLUOR	R S/N				_	<u>.</u> F	REMAF	RKS	************										MAX. E)EPT	H= 99	}
	PRESS	SN		_	SBE43	-Oxy (prime)				-	_																
	PRI TEI	AP SN		ļ_	SBE43	-Oxy (sec)				_				*************	***************************************			******						***************************************		***************************************	/4444 <i>0</i> 410444
	SEC TE	MP SN		_	Transm	nissometer		-		-	-														—		
<u> </u>	PRI CO	ND SN			PAR S	/N				-				***************************************	************	***************************************		****		***************************************		************	*************		**********	***************************************	
	SEC CC			ᆜ	<u> </u>						<u> </u>						1		7				Comm				Nis
Nis		_	sette Notes	641		dro Team-PMEI	O2-BI	1 11-	Т		╬	Chlo	m.l	>10		dup	┢		╟				Comin	———			No.
No.	DESIR	=0		SAL	.1	Nut.Bti	U2-BI	I.NO	1		╬	CIIIO	10-1	-10		аор	╫		<u> </u>								-
1	Bo	1				429	2	82									ļ		L								1
2	75	-				430															i						2
	/					431				-										-			•				
3	50	- -		⊢					-		\dashv			<u></u>			╁		-								3
4	40)				432																					4
5	30)				433																					5
	20					434																					
6		$\neg \vdash$							+		\dashv								1								6
7	10	\bot			<u> </u>	435			-		\dashv						-		-								7
8	0					4/36																					8
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11		_ _					<u> </u>																				11
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12	1	- II		1										1			11		11		11						II 12

VESS	SEL			CRUISE I	D			PRO	DJECT 8	& LE	G							_		S	TAT	ON NO.			
NO/	AAS O	scar Dyson		DY1408				BAS	SIS Fall	201	4, Legs 1-3		CL	AMS HAL	JL #_	Z	, Z (0)			., .		111		
CC	NSC ST#	LATITU	IDE	L	ONGITUDE			DAT	Έ		TIME (GMT)	DRY		Relative Humidity	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. N	IAME/	ID
		DEG MIN		DEG	MIN		DAY	N	10	YR	HR MIN	(*)		(°C)	(mb)	<u> • </u>	*	(deg)	(kts)	•	*	(m)			_
0	60	5800.	27 N	171	01.2	1 w	1/2	s	E P 1	1 4	0420	10	.0	92.	992			043	12			088		Ш	
	SBE 9+			FLUOR	8 S/N				_		REMARKS	***************************************		******************************				***********		•••••		MAX. DEF	TH = 2	34	!
	PRESS	sn		SBE43	-Oxy (prime)				_																
	PRI TEM	AP SN		SBE43	-Oxy (sec)				<u>~</u>		44+4+++++++++++++++++++++++++++++++++++		***************************************							*********		********************			
	SEC TE				nissometer				_																
	PRI COI			PAR S/	'N				_		***************************************	•••••	*********	1		••••••	******		••••••		4111441141	••••••	***************		
Nis	SEC CC		в	Hyd	dro Team-PMEL					_ _											Com	ments		Ĩ	Nis
	DESIRE				Nut.Btl	O2-Btl.N	0				Chloro-I	>10)	dup	1										No.
	Bot	2		. 1	437				<u>-i</u>			1/2													
1	001		6	00/	757			+			<u> </u>				 				1			-		\dashv	1
2	75				438																				2
3	50				439																				3
4	40				440								-												4
5	30				441																				5
	20				442																				
6	10				443			 							-										6
7													<u> </u>										·		7_
8	0	_			444	283	5_	-			<u> </u>	<u> </u>			ļ									_	8
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10												,													10
11								+							\blacksquare	-	-							\dashv	11
12																									12

VES	SEL		 	CRU	ISE ID		PROJ	IECT & LE	:G										STA		N NO.		
NO	AAS O	scar D	yson	DY1	408		BASI	S Fall 20	14, Legs 1-3		CL	AMS HAL	JL#		_		, . ,			11	14		
	ONSC AST#	DEG	LATITUDE MIN	DE	LONGITUDE G MIN		DATE		TIME (GMT)	DRY E		Relative Humidity	PRESSURE	* SEA STATE	WISIBILITY .	WIND DIRN. (deg)	WIN SPI (kts)		* TYPE	WEALDER	BOTTOM DEPTH (m)	STA. NA	ME/ID
0		_	50.12		4000.3		Z S E		1 4 5 2	17	2	100	73			25	1	$\neg \Box$	П	1	74		
-	SBE 9+				LUOR S/N	ØW <u> </u>	3 6	F I I A	DEMADKS	7:1	• , = 1	<u> </u>							ш.		MAX DEF		4
	PRESS	_			BE43-Oxy (prime)		-		Z° Sa	0 0-	PC	on up	<u>ca.</u>	57	٠.	- Te	11	_ 2		********			_
	PRI TEI	_ _MPSN			BE43-Oxy (sec)				*************************								Ç	<i>.</i>			*****	***	***************************************
	SEC TE	MP SN			ransmissometer			_	Undon	1000	56	100+	4.	$\frac{1}{2}$	4	40 0	211	k	ine	14	10		
	PRI CO	ND SN_		_ _ P/	AR S/N			-	***************************************	0	V						••					******************	***************************************
Nis	SEC CO	$\neg $	tte Notes		Hydro Team-PMEL	:			1										Сон	mme	ents		Nis
9	DESIR	_	110163	SALT	- 	O2-Btl.No			Chloro-I	>10		dup		\dashv									No.
	BOT				445	281	- 	<u> </u>															1
1	 	_																•					1
2	50				446				ļ														2
3	40				447		\ \								ı							<u>. </u>	3
4	30				448																		4
5	20		·		449																		5
6	10				450	-																	6
7	0				451																		7
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10																							10
11																							11
12																							12

VES	SEL			- (CRUISE I	D			PRO	DJECT 8	& LEC	3					_		^ -				STA	TIO	NO.	110	
ll .	AAS O	scar [Dyson		DY1408	<u> </u>			BAS	SIS Fall	201	4, Leg	s 1-3		CL	AMS HA	UL#									115	
CC C/	ONSC AST#		LATITUDE			ONGITUDE			DAT					DRY		Relative Humidity	PRESSURE		MSIBILITY			CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NA	ME/ID
		DEG	MIN		DEG	MIN	<u> </u>	DAY			YR	HR	MIN	1	C)	(°C)	(mb)	$\neg \neg$	╫	(deg)	(kts)	十	H	-	(m)		
0	62	57	00 .35	N	167	59.7	19 w	17	S	E P	1 4	20	06	10	. 8	92.	99	<u>/</u> L		151	á	1_	Ш	丄	66		
	SBE 9+	_			FLUOR	R S/N				_		REMA	RKS		***************************************						••••••••••••••••••••••••••••••••••••••				MAX. DEF	<u> ۲</u> = HTن	-/
	PRESS	SN			SBE43-	-Oxy (prime)						1 h.	OFM	100/	ple 1	nos + 4	CY.	R	-0	243	m-	e f	0/~	-			
	PRI TEI	MP SN	···		SBE43-	-Oxy (sec)				_		***************************************	************	., ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				********	**********	p*p*,*p=**181111444444		*********			<u> </u>	***************************************	******************
	SEC TE	MP SN			=					_												_		_			
	PRI CO				PAR S/	/N				_		************						******	•••••								*
	SEC CC	$\neg $		ᆜ		T DME						1				>	<u> </u>		7			_			ents		Nis
Nis	DESIR	—	ette Notes	SAL		dro Team-PME	O2-Btl.	No	Т			Ch	loro-l	>10)	dup	╁		-∦			_					No.
No	DESIR			JOAN		I TAGE DO	102-00.		-						-		 		╬			<u> </u>					_
1	Bo	+				452																					1
2	30	<u> </u>		<u> </u>		453						<u> </u>					Д		╄		<u> </u>						2
	40					454																					
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VES	SEL			CR	UISE II	D			PROJ	ECT &	LEG												ST	ATIC	ON NO.	17	D	ļ
NO.	AAS O	scar_[Dyson	D	/1408				BASIS	S Fall 2	2014,	, Legs	1-3		CL	AMS HAU	JL#					T				1/8	5	
C/A	ONSC AST#		LATITUDE			ONGITUDE			DATE					DRY B		Relative Humidity	PRESSURE	SEA STATE	VISIBILITY		WINE SPD	CLOUD (amt)	TYPE	• WEATHER	BOTTOM DEPTH	STA.	NAME/	/ID
_		DEG	MIN	_	DEG	MIN	10	DA	***			HR	MIN	(°C		(°C)	(mb)	+	Ť	(deg)	(kts)	Н		$^{\cdot}$	(m)			
0	T .		29.69 N	11		00.1	U	w] /	SE	P 1	ll .	35		10	. <	93.	10 0€)		280	1 6						65	
	SBE 9+		****		FLUOR	_						REMAI	RKS	••••••			************	*******	••••••			•••••	••••	•••••	MAX. DEP	1H =	<u> </u>	
	PRESS	•		▝	i	-Oxy (prime)					-																	\dashv
7	PRI TEM	•		-		-Oxy (sec)		·-	· - · · · · · · · · · · · · · · · · · · 			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	*************				**********				**************	*********	••••••			***************************************		
	SEC TE	•		1	PAR S/	nissometer					-																	\neg
	SEC CC			Н	PAR S	_			·				******	***************************************						*****************		**********	*******		;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	***************************************	***************************************	
Nis	DEPTH		ette Notes		Hyd	iro Team-PMEI	L	-									ĺ				<u> </u>		С	omir	ents			Nis
No.	DESIRE	ED	s	ALT		Nut.Btl	02	-Btl.No				Chlo	oro-l	>10		dup												No.
	2			·		41,-0	T																					
1	Bot					459	هَا	186	-		-						-		╂		-							1
2	50					460																						2
3	40					461																					İ	3
3	30		-			462	T				-								┢									Ň
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6	10				_	464																						6
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12																												12

VES	SEL	<u></u>	CRUISE	ID			PROJEC	T & LE	:G										s		ION NO.		
li .		scar Dyson	DY1408	3			BASIS F	al <u>l</u> 20	14, Leg	s 1-3		CL	AMS HAL	JL#	2.	33	\$				120		
CC	ONSC AST#	LATITUDE		LONGITUDE			DATE		TIME	(GMT)	DRY B	ULB	Relative Humidity	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. I	NAME/ID
	$\overline{}$	DEG MIN	DEG	MIN		DAY	MO	YR		MIN	(°C)		(°C)	(mb)		•		(kts)	•	÷	(m)		
0		5730 . 02			6 w	15	SEP	1 4	19	38	10	4	94	02			5	1			88	11	and the same
	SBE 9+		FLUO	R S/N					REMA	RKS	***************************************		***************************************								MAX. DEF	γTH =	84
	PRESS	sn	SBE43	3-Oxy (prime)																			
<u> </u>	PRI TEN	IP SN	SBE4	3-Oxy (sec)					*************	,	***************************************		***************************************	••••••								**************	
<u> </u>	SEC TE	MIP SN	Transı	missometer																			
<u> </u>	PRI COI		PAR S	5/N					***************************************	************				••••			***************************************				*****************************	***************************************	1441455515555555555
	SEC CC			/dro Team-PME			101-4	_						1			<u></u>			Com	ments	100000	Nis
Nis No.	├	Rosette Notes	SALT	Nut.Btl	O2-Btl.N	No.			Chi	loro-l	>10		dup	┢						00111			No.
110.	<u> </u>		3	466	02 35.1				1														
1	Boi			166					-					-	_								1
2	75			467																			2
3	50			468		٠.																	3
	40			469																		<u> </u>	
4	 			- 1					- -			\dashv		┢	\dashv	_							4
5	30			470					<u> </u>					ļ									5
6	20			471																			6
7	10			472																			7
	0			473	28	7																	8
88	<u>~</u>													1		\vdash							\dashv
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10	<u>.</u>																						10
11																							11
12																							12

VES	SEL			CRUISE	ID	PROJECT & LEG					CLAMS HAUL # 236								STATION NO.						
NO.	AAS O	scar Dyso	n	DY1408	8		BA	SIS Fall 20)14, Legs	1-3		CL	AMS HA	JL#	<u> </u>	<u>ح</u>	6		\square			×		_	
CC CA	NSC AST#		FITUDE		LONGITUDE		DA1			GMT) Min	DRY B		Relative Humidity (°C)	PRESSURE	* SEA STATE	* MISIBILITY	WIND DIRN. (deg)	WIND SPD.	CLOUD (amt)	* WEATHER	BOTTOM DEPTH (m)	STA.	NAME/	ID	
			HN I	DEG	MIN			(A)		. 10			4 31 1	03	2	Н		L	Н	\top				_	
			. 96	- II II		7 w	5 s	E P 1		81 C	10	. 8)	Ш	295	/_	Ш		MAX. DE	DTU -	99		
	SBE 9+	-	<u> </u>	FLUO				-	REMAI	RKS	*****************	************	**************				***************************************	************	**********	**********	MAX. DE	<u> </u>			
	PRESS PRI TEI				3-Oxy (prime) 3-Oxy (sec)			_													· ·	*5		~	
	SEC TE				missometer			-	*************	*********	***************************************		************************		•••••	*********	-,-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************	**********	*********	******************************	,.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	******************	,	
	PRI CO			PAR S	_			_												***********		***************************************	***********		
	SEC CC													16											
Nis		Rosette N	Votes	Hy	ydro Team-PMEI									<u>↓</u>		L				Com	ments			Nis	
No.	DESIRI	ED		SALT	Nut.Btl	O2-Bti.No	·		Chk	oro-I	>10		dup	<u> </u>		<u> </u>								No.	
1	13°	+			474	288																		1	
2	75				475																			2	
3	50				476																			3	
	40													T											
4	/0	_			477							!		₽	- 8	1						···		4	
5	30	>			478										Ì									5	
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10																								10	
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VES	SEL		CR	UISE II	D			PROJECT & LEG							STATION NO.								
NC	AAS O	scar Dyson	DY	/1408				BASIS	Fall 20	14, Legs 1-3		CL	AMS HAI	UL#	2	3	7		Ļ			120	<u> </u>
O C	ONSC AST#	LATITUDE		L	ONGITUDE			DATE		TIME (GMT)	DRY	ļ	Relative Humidity	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	TYPE	WEATHER	BOTTOM DEPTH	STA. N	IAME/ID
		DEG MIN		DEG	MIN		DAY	МО	YR			C)	(°C)	(mb)	·	•	(deg)	(kts) *	ŀ	•	(m)		
0	66	5700.00	N)	71	59.9	Ow	16	SE	P 1 4	0145	9	. 8	90.	0/			16	1			118		
	SBE 9+		_ _	FLUOR	R S/N					REMARKS	*************	*************	***************************************		*********						MAX. DEF	TH= /	174
	PRESS	sn	_	SBE43-	-Oxy (prime)																		
L	PRI TE	MP SN	_#	SBE43-	-Oxy (sec)		_			bb-b		***************************************	*************************	**********			***************************************						
ļ_	SEC TE			l	nissometer							-											
<u> </u>	PRI CO		-H	PAR S/	'N					***************************************	***************************************		***************************************		•••••	*******	************					***************************************	
Nis	SEC CC		!	Hvo	dro Team-PMEI														(Comr	nents		Nis
No.	 		SALT		Nut.Btl	O2-Btl.N	No			Chloro-I	>10		dup	\dagger						•			No.
Г	Boi		7	,	482																		
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2	100				48.3																		2
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3	75			·	484		*			ļ	ļ <u>.</u>			↓									3
4	50				485																		4
	40				486														•	•			
5	<u> </u>													╁									5
6	30				487									ļ	_	L.							6
7	20				488																		7
8	10				489												·						8
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9	0		4		490	28	9							_	_								9
10																							
H			1											\vdash	\dashv								10
11																							11
12											1												12

VES	SEL			CRUISE I	ID		PRO.	JECT & LE	:G	STATION NO.												
NO	AAS O	scar Dy	son	DY1408	_		BAS	IS Fall 20	14, Legs 1-3		ÇL	AMS HAL	JL #	7	4	2	· ·			124		
C(ONSC AST#	L DEG	ATITUDE MIN	DEG	ONGITUDE		DATE		TIME (GMT)		°C) (°C) (mb)			* SEA STATE	* VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	* CLOUD (amt)	* WEATHER	BOTTOM DEPTH (m)	STA. NAM	IE/ID
A	67		9.76	1	00.2	1 1		P 1 4			. 7		97			52	1		П	125		
	SBE 9+		1 · 7 / N	FLUOF		. Y- VV F	3 2		REMARKS		• /	7971	17.7			O ac.	17				TH = /2	0
	PRESS			1	-Oxy (prime)								*****									
	PRI TEI	MP SN		SBE43	-Oxy (sec)			_	***************************************		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					***************************************				***************************************		
i	SEC TE			1771	nissometer	 -		-														
_	PRI CO			PAR S	/N			-	***************************************	******************		************************	************		•••••	***************************************	***************************************	••••••			·*************************************	
Nis	SEC CO		e Notes	<u></u>	dro Team-PMEL	· · · · · · · · · · · · · · · · · · ·			1							***		(Comn	nents		Nis
II	DESIR	ED	s	ALT	Nut.Btl	O2-Btl.No	14		Chloro-i	>10)	dup			30.0							No.
1	130	T			491	290																1
2	100			492												• •						2
3	75				493						•											3
4	50				494																	4
5	116				495										63							5
6	30				496										Į.							6
7	20				497									I		•						7
8	10				498									į					 -	•		8
9	0				499									-		·····			•••			9
10																						
11					10-																	10
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VES:	SEL			CRUISE	ID	PROJECT & LEG BASIS Fall 2014, Legs 1-3 CLAMS HAUL #						24 STA							STATION NO.					
NO	4AS 0	scar Dyson		DY1408	<u> </u>		BASIS F	all 20	14, Legs 1	-3	c	LAMS HA	UL#_	α	_									괵
CA	NSC ST#	LATITUDE			LONGITUDE		DATE		TIME (G	мт).	DRY BULB	Relative	PRESSUR	SEA STATE	VISIBILITY	WIND DIRN.	WIN SPI	CLOUD (amt)		B	OTTOM DEPTH	STA. N	NAME	/ID
		DEG MIN		DEG	MIN	DA'		YR	1	AIN	(°C)	(°C)	(mb)	┿┥	•	(deg)	(kts)	+	•		(m)	- 1	- 6	\dashv
	68	5630 1	19 N	170	00 8	4 w 1	SEP	1 4	204	5	19 14	1914	99			73					10/			Ш
	SBE 9+			FLUOF					REMARK		***************************************			******	••••	******************	**********		**********		MAX. DEF	PTH =	94	<u>2 r</u>
	PRESS	SN		SBE43	-Oxy (prime)																			
	PRI TEI	AP SN			-Oxy (sec)				Mp+++++4+++++++++++++++++++++++++++++++	***********		*************************			,	***************************************	******					***************************************	*************	
	SEC TE			_	nissometer															-				
	PRI CO			PAR S	/N				***************************************		***************************************			********	*********	***************************************	**********			**********			***************************************	
Nis	SEC CO			ا <u></u> Hy	dro Team-PMEL	· <u></u>		!									Ī		Cor	nment	3			Nis
No.	DESIR		SAI	LT	Nut.Btl	O2-Btl.No			Chloro	-1	>10	dup									<u> </u>			No.
	0	-L-			-3 0	OAI																		
1	130)		5_	500	29/			<u> </u>	\dashv			╢			· · ·	╂─							1
2	75				501													-						2
_																								
3	57				502				-	\dashv		-	-				┢							3
4	40				503																			4
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5	30) 1			504				<u> </u>	\dashv	<u> </u>	ļ <u> </u>	-	_	<u> </u>		┞							5
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10																								10
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11			+						 	\dashv		 					\vdash							11
12														- 20										12

VES	SEL		CRUISE	ID		PROJECT & LEG					27	10		STATION NO.				
NO	AAS C	scar Dyson	DY1408	8		BASIS Fall 20	14, Legs 1-3		CLAMS HA	UL#	ol 7	٥		<u> </u>	Т		100	
C(C/	ONSC AST#	LATITUDE	DEG	LONGITUDE MIN	DAY	DATE MO YR	TIME (GMT)		Relative	PRESSURE	* SEA STATE VISIBILITY	WIND DIRN.	WIND ONING (SPD. CLOUD)	TYPE	• WEATHER	BOTTOM DEPTH (m)	STA. NAM	1E/ID
4	10	DEG MIN	11. 7250	59 8			4 1 2	10	12 819	98		162			T	220		
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