## **Sampling Log**

	Cruise	ID:	2016-06		Station:					Event	#:	2		Ship:		Tully	UTC D	ate (dd mm	miٍyyyy): <u>∠</u>	6	2016
Niskin #	Firing #	Sample #	Rosette O Target Pressure	Cor	nfirmed	Sampl DIC	es Tak	en / San Nut-fr	npler's	Initials Paw-16							Comments		Profile type	: X-Niskin	other?
1	1	1 -	Bot-10	1	226.	х	x	х		х									-		C/C
2	2	2	200	1		хх	х	х		х									Bottom De	oth: 23	m
3	3	3	175	1		х	х	х		х									Transmisso		(Y)/ N
4	4	4	150	1		х	х	х		х						н			:	1111	
5	5	5	125	/		х	хх	х		х									Time	итс	Local
6	6	6	100	1		х	х	х		х									Start	413	- 5
7	7	7	80	1		хх	х	хх		х	a								Bottom	418	
8	8	8	60	1		х	х	х		x									End	434	
9	9	9	50			х	х	х		х											
10	10	10	40	1		х	х	х		х							-		Positional I	nformation	
11	11	11	30	1		х	х	х		х									Lat: 48	• 36.	8/ N
12	12	12	20		^1	х	х	х		х								Sta	Lat: 48	0 14. 7	79. w
13	13	13	10	1	,	хх	х	х		х								(4.2)			
14	14	14	5	1		х	хх	х		х					-			tom	Lat: 48	0 36.	81 N
15	15	15	0	1		х	х	х		х								Bot	Lon: 123	· 14.	79 w
16						"															
17						1)													Lat: 48	• 36.	82 N 87 W
18																		En	Lon: 123	. • 14.	87 w
19																				d.	
20																			Extra comn	nents:	
21																					
22																	3.1				
23																					
24			1																		

Sampling Log

	Cruise	ID:	2016-06		Station:		JF2			Event #	::	5		S	nip:	Tully		Date (dd m	mm yyyy): <u>6</u>		
			Rosette O			Sampl	es Tak	en / San	npler's	Initials						- 52	Comments		Profile type		
Niskin	Firing	Sample	Target	Cont	firmed	DIC	Оху	Nut-fr	Sal	Paw-16	Chl	HPLC	1) BC						ROS TRM	X-Niskin	other?
#	#	#	Pressure	1	Pressure								GASES						Watchkeep	er(s): // ./	
			Bot-105		185		.,			x										<b>4</b> :	
1	11	16		/	100	Х	X	X											Bottom Dep	th: 18	3 m
2	2	17	150			ХX	X	Х		X									Transmisso	Cleaned:	(V)/ N
3	3	18	125			х	X	X		X									ITALISIIIISSC	Cleaneu.	
4	4	19	100			х	х	х		х									-		
5	5	20	80	$  \vee  $		х	хx	х		x									Time	UTC	Local
6	6	21	60	$\vee$		хx	x	х		x									Start	0950	
7	7	22	50			х	х	хх		x									Bottom	0953	
8	8	23	40	1/		x	x	х		x									End	1008	0303
			1			1		x		x											
9	9	24	30	1/		X	X												Positional	nformation	
10	10	25	20	1		XX	Х	Х		X			.,						Lat: 48 Lon: 12	0 17	-96 N
11	11	26	10	1		Х	X	X	-	X			XX				FLU0: 8	2 0	I Lan. 12	3 . 59	. 93 w
12	12	27	5			Х	X	х	-	X	ХX	XX					F200; (	ng	Lon.	_	·
13	13	28	0	$  \vee  $		x	X	X		X									F 40	) 1	14
14																			Lat:	0 17	195 N
15																			Lat: 48	5 . 59	. 91 W
16																				V	
17				Ħ															Lat: 49	0 17	94 N
				Ħ															ш Lon: 12	3 · B9	.94 w
18	-			+ +																	
19																			Extra com	ments:	
20				+1		-						-	-							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
21		ļ		$\perp$				-											-		
22							-												-1 1		
23																					
24																					

# **Sampling Log**

	Cruise	ID:	2016-06		Station:		P1		-	Event	t #:	0		Ship	:	Tully		UTC Date	(ddlmm	milann	. 6 . (	. 1/
	8	ñ .	Rosette C	pe	ration	Samp	les Tak	en / Sar	mpler's	Initials				·			Com	ments	(dd IIIII	III yyyy)	0 6	
Niskin #	Firing #	Sample #	Target			Nut-F	Sal	Chl	HPLC	DIC	Оху	рН	Paw-16	UBC				ments		Profile 1	ype: FRM X-Niskir	othor?
"	#	#	Pressure	IV	Pressure									GASE	3.					Watchk	FRM X-Niskir eeper(s):	outer:
1	1	29	Bot-10	1	103	х				хх	7×	xxx	×									
2	2	30	30	1		х				х	x	x	X		1						Depth:\	7
3	3	31	5			×	×	хх	хх		× m/m								_	Bottom	Depth:	<u>/m</u>
4							_^	^^	^^	X		X	X	XX	1					Transm	isso Cleaned:	Y/ N
5																						
6															-	-				Time	UTC	Local
7	_!;====:																			Start	1838	
8																-				Bottom	1841	
9													-		-					End	1846	
10																						
11				$\vdash$																	al Information	
				$\vdash$															+	Lat: 4	6 . 34	. 51 N
12				H															Star	Lon:	8 • 34	0   w
																			1		-	
14				Н															mo	Lat:	48 . 34	.53 N
				Н															Bot	Lon:	25 0 30	. 03 w
																					48 · 34 25 · 30	
17																				Lat: 4	8 0 34	,56 N
18																			End	Lon:	8 · 34 25 · 30	04 W
19																						
20																				Extra co	mments:	
21																				Will also	have loops fo	* Chi va
22																					nave loops lo xyLab x2,	I CIII XZ
23																				and Oxy		
24																				anu Oxy	XZ	
\	ersion: 25	Nov 2011			Transmissom	eter to be	cleaner	hoforo	anah ana													

**Sampling Log** 

			operue				P2				#:	10		Sł	nip: _	Tull	ly			mm yyyy): 6 6 6 20 (6)   Profile type:
	Cruise	ID:	2016-06	-	Station:			1600	npler's l							-		Comi	nents	ROS TRM X-Niskin other?
	. 0.		Rosette O	pera	ation	Sampl	es lake	DMSP	Nut-Fr	Chl	HPLC	UVic	Bugs				_			Watchkeeper(s): 59
kin	Firing		Target	J		DIVIS	F MA	d w A	MAKY	ME	PITTY	7.1	KVIK							1
<b>#</b>	#	#	Pressure		Plessure	400														
1	1	32	100	1	160								X		-					Bottom Depth:m
-	-	33	100	1	100	Х	×	X	Х	Х		Х	8.3					-+		Transmisso Cleaned: (Y)
2				1	13	×			Х	х		Х	8,7				-			X
3		34	75	1	49				×	×		X	9.1							Time UTC Local
4		35	50	Ĭ		X	-		- ^				×							Time
5		36	50	V	149			-												Start
3		37	40	V	40	х		1	X	Х		-						Fluo	1.4	Bottom 2153
		38	30	1	30	Х			X	ХX	XX							Fluo	7 11	End 2206
7			25		125	X			X	хх	хx	- A		18			-		1 11 2 2	
3		39	-		20	xx	xx	хх	X	хx	. x x	X	13.2				-	Fluo	A	Positional Information
9		40	20	-			+ ^ ^	1	хx	хx	хx							Fluc		- Controller in the second of
0		41	15	1	15	X	+	-				×	13.5					Fluc	0.4	Lat: 47 · 36.07  Lon: 126 · 0.03
11		42	10	1	10	X	-		X	XX			13.4					Fluc	0.4	S Lon: 126 ° 003
12		43	5		V 5	×	X	X	X	XX	XX	X	1	-						V
13		44	5	٠,	15	1					-	-	X							E Lat: 47 . 36.63
	-	-	0	1	13	×	X	x	х	×										Lat: 42 • 36.63  Lon: 126 • 003
14	-	45	<del>-                                     </del>	+	V 3															W 2011
15		-	_	+	+	+-	-													Lat: 48 • 36.04
16				4		-	+	-	-											Lat: 48 78 107
17	l l						_		-	+ 7	-	_		4.5 B	10	FR02	en	VIAL	FELL ON	Lon: 126 · 0.02
18												-	+	CHL		DES			ON DELL	
												-		F2 5 m	-		-			Extra comments:
19														2016=0		TOO				DMS cast
20				-											V Silendar					Will also have loops for Chl x
21				-										Bot 1						-     Will also have loops is
22	2			_		-	-							10						
23	3									-										ic.dfo-mpo.gc.ca/sci/osap/projects/waterpropertion

	Cruise	ID:	2016-06		Station:		P2			Event	#:	12		-	Ship:		Tully			te (aa minn					=
		-	Rosette C	per	ation	ISamn	les Tak	en / San	npler's	Initials			RI	Paw16		1		1	Comments		ROS	type:	X-Niskin	other?	
Niskin	Firing	Sample	Target	Co	nfirmed	Оху	Nut-F	Nut-C	Sal	DIC	рН									1			(s): M		
#	#	#	Pressure	V	Pressure	104/12	26/1		4vr	12/20	66		gases	DR-170									21		
1		46	Bot-10	/	109	xx	X			х	×			х								-	1/-	1	$\neg$
2		47	100		100	×	X			X	Х			X							Botto	m Dept	h:( ( =	m	
				1	76	×	×			xx	х			х							Trans	misso	Cleaned:	(A) 1	N
3		48	75	1	76					X	X														
4		49	75	1		X	X				xxx			×							Time		UTC	Local	
5		50	50	V	50	X	X			X				x							Start		2250	1550	2
6		51	25	1	25	X	XX			X	X										Botto	m	2256		
7		52	10	12	10	X	X			X	X		XX	X				40			End		2306		
8		53	5	V	5	X	X	-	Х	X	Х		-	X					8						
9											-		-								Posi	tional li	nformation		
10												-		-			-				l at:	UG	- 0 360	04	N
11											-	-	-				-			1	Lat.	176	· 36	Œ	w
12					V							L				-					LOII.	-	_	,	
13																						U8	~ 36	05	N
14																					Lat:	126	, 36 , c.	13	10/
15		0																	-	0	Lon	( ),	<b>V</b>	<u> </u>	
16																						UV	30	27	
17																					Lat:	12	· 36	04	- N
18															V =					i	Lon	16	600	0 /	VV
19																									
																					Ext	ra comi	nents:		
20																					- 1	p cast			
21																					Will	also h	ave loops	for Sal x1,	,
22	+	-	+	-						1											Oxy	Lab x2	and Oxyl	x2	
23	-		-	+					1																

# **Sampling Log**

	Cruise	ID:	2016-06	•	Station:		P3		-0			13	14	_	Ship		Tully		UTC Date (dd r	mmm yyyy): <u>57 6 7016</u>
Niskin #	Firing #	Sample #	Rosette C Target Pressure	Co		Nut-F	les Tak	en / Sai Chi	mpler's HPLC	Initials Gases UBC	Paw16								Comments	Profile type:  ROS TRM X-Niskin other?  Watchkeeper(s):
1		54	Bot-10	V	814						х	-								
2		55	10	V	11					хх							1 2 2 2			Bottom Depth: 84 m
3	CONTRACTOR II	56	5	1	5	х	х	хх	хх		77								9	Transmisso Cleaned: Y N
4				HK(																
5	maez-sus			970		SAUS DA	District Control													Time UTC Local
6																				Start 0(1) 1811
7	-36% FW	CSA II SAIC		=0.5		Safter Saft	nesswer	Solection and	I BAVE	Relia S		t each			Total Control					Bottom
8						Mark I				GI-St										End 0147
9		# 10 m		E IN	Political States							7.00	Media in	1 (11 61-2	USE TIME		NUSSIE	No. of the last of		
10	BRECE.	E TENEVE	80.								100						102			Positional Information
12					1111	13/15		W S		e e e e e e e e e e e e e e e e e e e	The Carties		Dillion i							Lat: 48 • 37 45 N
13		(82 Years)		255		2012/03/60			SHV40		TARY V	TOTAL ST								Lat: 48 • 37 45 N Lon: 126 • 19 9/ W
14								e System			N A				Thurs.	SWE		Mar. 1945		
15		. 1	CORD OTHER CAR III ACTION			1100	_0	100		A STATE OF THE STA			TRANS.							Eat: 78 ° 37 . 46 N
16									07.				Maria de la compansión de			10/12	128.05			Lat: 48 • 37.46 N Lon: 126 • 19.92 W
17			0								-				NESS (CA)		N. S. C. S. C. S.		OFFICE AND	1at: 48 077 45 m
18											1000									Lat: 48 • 37.45 N Lon: 126 • 19.94 W
19																				Lon. 28
20																				Extra comments:
21		int Office year	NEW STREET	10.50	ROOK CONTINUES	15.05.0	SCI													*
22			wording places and															e State pa		
23				9 35		The second													n es	
24																				

# **Sampling Log**

	Cruise	ID:	2016-06	<b>-</b> 5	Station:		P4			Event	#:				Ship:		Tully		UTC Date (dd m	ımm	уууу):		2016
	1/2	20	Rosette O				les Tak												Comments	P	rofile type:		
	Firing	Sample			nfirmed		Nut-F	Nut-C		DIC	рН		DNA	gases	SAGs	Paw16						X-Niskin oth	er?
#	#	#	Pressure	V	Pressure	py	55	35	27	PAYWA	GL					MA				<u> </u>	Vatchkeepe	(s): DY	
1		57	Bot-10	1	1320	х	х	×		x	х		х	хх	х	×							
2		58	1250	1	1250	×	x	x	x	x	x		х	xx	x	x				E	Bottom Dept	h: 1314,	m
3		59	1250		1250	хx	х	x	хх	хx	×								45	T	ransmisso	Cleaned:	YIN
4		60	1000	1/	1000	x	x	x	хx	х	x		х	хx	х	х							
5		· 61	800	/	799	х	x	×	×	х	X		x	хх	х	х					Time		.ocal
6		62	600	V	601	x	хx	хх		x	Х	ZenSw	x	хx	х	x				3	Start		104
7		63	400	V	400	x	x	x		×	Х		x	хх	x	х				E	Bottom	0429 -	
8		64	300	1	299	х	x			x	Х		x	хx	х	x				E	End	0510	
9		65	250	V	- 248	x	x			Х	xxx					х							
10		66	200	1	201	х	x	No.		x	х		х	xx	x	X				F	Positional In	- 16	
11	to the state of	67	175	V	174	Х	x	and parties	No.	х	X					x				其니	_at: 48	· 38,98	N
12		68	150		UTL	х	x			х	X		х	xx	х	х				33   F	_on: (26	• 39.96	2 W
13		69	125	V	(12)	х	хх			х	х			# 1070000000000		х		econe se	Krauseline in the second			Veleti	
14		70	100	V	100	x	x			x	х		x	xx	X	x		HAN SHE		를 L	_at: 48	· 39-00	N
15	THE SECOND	71	75	1	75	хх	×	On Transporting	2000000000	x	Х	emiseaucii	Kontana	d discussion	NAME OF THE OWNER, OWNE	X	munousity	SECVED	Sev sau sengui a la awara	<u>  8</u>   [	_on: (26	0 37.95	W
16		72	50	V		X	X		点处	x	X	Bala	х	хх	Х	X							
17	WO LAND STORY	73	25	V	25	X	x	710 711	annue en l	x	Х	to the con-	×	хх	х	x	escius, a			- L	_at: 48	• 38.9	
18		74	10	V	10	х	×			X	X	SPA III	x	xx	X	x		Mines.		盲	on: 126	. 39.89	W
19	gravnika pr	75	5	4	5	х	X		Х	X	XXX	Secure		A TOTAL CONTROL OF	Mark (SS)	X		NO CONTRACT					
20										<b>平新</b> 别	Tre +111										Extra comm	ents:	
21			A			and and				71				Thomas and			TO SECURITY OF			- 1881	Deep cast		
22											(T)				U W		THE THE				Will also hav	e loops for Sa	l x1,
23				1100			DECEMBER OF STREET	ESTERATOR	M152-01		NE SIE		(SIRIII)	103940					DEPOSITE SUMMAN SERVICES	-	OxyLab x2 a	nd OxyT x2	8
24																				R		ű	

### **Sampling Log**

	Cruise	ID:	2016-06	-	Station:		P4		-	Event	#:	15		_	Ship:		Tully		UTC Date (dd)mi	nm[yyyy): 👲	7 200	2016
Niskin #	Firing #	Sample #	Rosette C Target Pressure	Co	nfirmed Pressure	Sal	les Take Nut-fr	e <b>n / Sar</b> Fe filt	mpler's Fe unfilt	Initials	eta jetta.								Comments	Profile type ROS TRM Watchkeep	:   X-Niskin er(s): The	other?
1		76	35					хх	xx							=						
2	2 7	77	25					x	x											Bottom De	oth:	m
3		78	10					х	х		-									Transmiss	Cleaned:	Y / N
4																						
5		a.		-					2								*			Time	UTC	Local
6	31000					1035					al ala					4 m/s				Start	0595	
7		Delicination and the			apen -	ALPERA NATION	100000000	10 100				HSH MINI		- II-II-II-II III	NUTSON E-4	/= 11000	December	1 1 10 50	TRIBLE WILLIAM THE TRIBLE WILL	Bottom		-
8		i yktori				100000								War in						End	0800	Management to
9						51				A Parenta					The same of		econtum		V commence and a survivor			
10	10000			13									E 000 kg							Positional		
11			240000000000000000000000000000000000000	10000		CONTROL SE	DE KORREU									S/SERVICE OF	Name (State Of State	NAME OF TAXABLE PARTY.		Lat: 4	8 • 38,6	8 N
12		100 15 10	Wi Missing												Series 1					Lon: 12	6 • 10.0	3 w
13		1000		1000				1 771				West of the	10-11	Ter Dette			Income.				V	
14												Barrie .			Sanda					Lat:	0	N
15	2001/02	Harris William				THE RESERVE	100	Walley or	Lange Control	111-7-11	300 40					t and a second	Marcanisa	N. J. Chillian		Lon:		W
16	No.					Billing	BUTTE				000			11 AL							V	
17		Mile agent of	ion ranging	umit		(SOME S	A CENTRAL	(SEUTORION			ELIVER DE LA	foguesu//=	e verw	Druges (1)	Maran	1 55,0000	0.21020	NEXT -		Lat: 4:	0 38.9	76 N
18	82161			1								S EDUCATE								<b>L</b> on: 120	37.	32 W
19						OWNER WHI		To proceed			Thursday.		5, 116	18 DOING			FF83B	BW 馬鹿				<b>经企业</b> 处理
20			The state of the s	TEST			i leave	H7117 6				15.4.58			El Sie		更加			Extra comi		
21		and the sum	NII CO II 20			SHURSE	P. C. C. C.				COL SVII		200							TM pumpir	ng	
22	MARKE				Vertex	714		100			8.7		0					14-121		11 M	8	
23		- # - 118 S				Julius S	THE YEAR		a company to the		- Level Sy									<b>(5)</b>		
24					THE PLANE	WP MAN				神神	en file						miss Dim	7/57 51		145		

# **Sampling Log**

	Cruise	iD:	2016-06	_	Station:		P4		_	Even	t #:	16		_	Ship:		Tully		UTC Date (dd)m	nmm vvvv):	7 1 6	16
Niskin #	Firing #	Sample #	Rosette C Target Pressure	Co		Samp	UBC	en / Sa	mpler's	Initials									Comments	Profile type ROS TRM Watchkeepe	: X-Niskin	
1		79	Bot-10	V	1322		x				Ī											
2		80	Bot-10	1											Hara	18416				Bottom Dep	th. 132 C	
3		81	Bot-10	V											3100011111				W. W. C.	Transmisso		m (Ŷ) N
4		82	Bot-10	1		21401												16		Transmisso	Oleaneu,	T N
5		83	1000	V			х			49	4]									Time	итс	Local
6		84	1000	/																Start	0819	6119
7		85	1000	1																Bottom	0341	
8		86	1000	/													R nu			End	0907	0207
9	V6 10 10 10 10	87	500	V			x															
10		88	500	V																Positional Ir	formation	
11	Control P	89	500	V	N STEEL AND LINE		Walter A		1000000											Lat: 48	. 39.	96 N
12		90	500	4		40 生的								WENTER OF						Lat: 48 Lon: 126	. 40	61 w
13		91	10	V			X		Contraction	22 114	estimation				Total Control							
14		92	10	1			Hair .													Lat: 48 Lon: 126	· ·38.	97 N
15		93	10	1		100k %	1000	1.5767/24		alarko an	Sur Nessa	o tor com	The ALIG	ATTACHE VI			W 24 25 0	Vicinia action		Lon: 126		93 w
16	NAME OF	94	10	档房	METRE MEDI	n Foxe		N E Mal			#9.00			178							7	
17					ETNERS IN	Signal	(Jacob)		(e) (d) (d)	-000y may	RGSUBAL	THE REAL PROPERTY.	ECONOMISM.	145.70.50						Lat: 48	• 39.	00 N
18 19						HPA1=									May 2	k infla				Lon: 126	• 39.	94 w
20	To HA					Was i		166年	507/10				Lingasta	AICE TO		en en e	(1805.E)	20.0				
21		AUS STIE	VITA (SAS) VIIII)	(SEE)	SWIND BLICK	5 7/198								ilise vilit						Extra comm	ents:	
22										(19.74)		11/2		- ACT - 1			100 SEA (10)			Jade's cast		
23								THE REAL PROPERTY.				s traini	12.00	ministrate								100
24	188111												I Company	SA BEE					Say see a sure			
	/orgion: 2	5 Nov 2011					mpu sa	6,4 L	MANAGE HELD		THE STATE OF					T KIND		Miles I				

# **Sampling Log**

	Cruise	· ID:	2016-06		Station:		P4		-	Even	t #:				Ship:		Tully		UTC Date (dd mi	mm[vvvv): 7	1 6	1 16
Niskin	Firing	Sample	Rosette C Target		ration Infirmed	Samp 170	les Tak	en / Sai	mpler's	Initials	AIHA in	4 Chi	Nut-Fr	DEP II		Name of			Comments	Profile type:		
#	#	#	Pressure		Pressure		0100	- Oxy	100 111	103111	94114 1110	CHL	Nut-F1	NH4	Sai	C14	UVIC	bugs		ROS TRM Watchkeepe		other?
1		95	O2 max	$\checkmark$	35	xx		xx							X							
2		96	5 m	V		xx	xx	хх		x										Bottom Dept	b· 132	0 m
3	NOTHER REPORT				_										4.				The state of the s	Transmisso		
4		97	250	V													x			Transmisso	olculicu.	
5	Transaction of the last	98	150	V													x			Time	итс	Local
6		99	50	V													x			Start	11 12	6412
7	Malenia	100	20	V													x		Description of the section of the	Bottom	11 17	
8		101	10	V										CULTURA			x			End	11 39	04 39
9		102	5	V													x					
10		1018011																	医肝脏法腺肠肿	Positional In	formation	
11	All resistances	103	100	V														x				97
12		104	50	V														x		Lat: 48	• 39	95 W
13	(1) (1) (1) (1) (1)	105	5	$\vee$														×			V	
14																				Elat: 49	. 38	99
15													-							Lat: 48 Lon: 126	0 39 .	93 W
16																					V	
17	A STATE OF THE STATE OF	106	100%	V	0	2012-0		xx	XXX	xxxxx		х	x							Lat: 48	. 39 .	97 N
18		107	100%	V	0 6 1						xxxxx			xx						Lat: 48 Lon: 126	0 .39 .	81 W
19	AND STREET O	108	55%	V	0		xx	XX	XXX	х	х	х	х	xx	х						TANKE BE	
20		109	30%	<b>V</b>	5			xx	XXX	x	x	х	х	XXXX	x					Extra comme	nts:	
21	CONTRACTOR A	110	15%	V	7			xx	xxx	х	х	х	х	xx	х					4,5,11,12	6.1.2	2,7
22		111	1%	V	24			xx	xxx	x	х	x	x	хх	x					8,21,20		- 10
23		112	55%	<b>\</b> /	0									N.		х				17 10	6-, 7,	15,
24		May 2044		W)																17, 18, 11	1,23	2

Water Properties Group Sampling Log Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

	Cruise	ID:	2016-06	-	Station:		P4			Event	#:	20		_	Ship:		Tully		_ UTC Date (do	dimm	ım yyyy):	- Washing	_16
Niskin #	Firing	Sample #		Co		DMS	DMSP	en / Sar DMSP d 🔥 🏲	Nut-Fr	Chl	HPLC	Phyto					2016	16/14	Comments		Profile type: ROS TRM Watchkeeper	X-Niskin	other?
1		113	300	V	*	х			х										top valve.	0000			
2		114	200	/		х	x	x	х												Bottom Depth	1: 1305	m
3	100000000000000000000000000000000000000	115	175	$\checkmark$		х	x	х	x	Total Property and		2477	-	THE RESERVE	2014		3.			1	Transmisso (	Cleaned:	YN
4	1月里	116	100	V		х	x	x	хх	х													
5	2000	117	75	$\sqrt{}$		х		41	х	х		. 3850		485 140000	100 Saver		770000000				Time	UTC	Local
6		118	60	1					x	xx	хх								Fluo 0.5 mg		Start	13/6	0616
7		119	50	1		X	300000000000000000000000000000000000000		X	ХX	ХХ	III OLE I	Mala Anna	155 B 157	No.	//A01011	III ESSAU	1000000	Fluo 0.5 mg		Bottom	1321	
8		120	40	1	*	Х			X	ХX	ХX								Fluo 6.65mg		End	1339	
9	100-3-0	121	30	V	no e mila	X		- R ( - C )	X	ХX	ХX		mones i	OU like	(Sacrania)		2000	(0) 60 E	Fluo 0.60 ug	elface a			
10		122	25	4		Х			X	X								P. V.			Positional Int		
11	12000000	123	20	2		ХX	XX	XX	X	X	RAK				FIREWA			P. Sale			Lat: 48	• 39	, 05 N
12		124	15	3		Х	NE STOR	1250	X	XX	XX								Fluo ~ 1, 4		Lon: 126	• 3,"	90 w
13		125	10			X	61611	11.37	X	X				500		15 100					E. 10		54
14 15		126 127	5 0	1	3.0	X	X	X	X	XX	XX	XXX	ALC: UN		BINES	A STATE OF THE PARTY OF THE PAR			Fluo ~ 4	319,50	Lat: 48 Lon: 126	. 39.	9) w
16		12/		331		X	X	X	X	X	2018		wierek								II LON: 120	V	, w
17	III III II III II II II				is a more thank		B - H 1116=	I MILLION CO.				11,000,000		rojnie Swoji	2200200					SHEET S	Lat: 48	• 390	O N
18							Take it										loso i				Lon: 126	0 39	88 w
19												11100110011	SECTION		2010012795111								
20																柳雪					Extra comme	ents:	
21																				Name of	DMS cast		
22				E																	Will also hav	e loops for	r Chl x2
23																					NOT EX		
24				100																	41		

# **Sampling Log**

	Cruise	ID:	2016-06		Station:						#: <sub></sub>	.7			Ship:		Tully		UTC Date (dd∫mi	mm yyyy): 7   6   16
Minteln	l ciuin a l		Rosette O		ation	Samp	les Take	en / Sar	npler's	Initials		of the	1281/1	mone Sam		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Comments	Profile type:
MISKIII #	#	Sample #	Target Pressure		Prossuro	Nut-F	Sal	Chl	HPLC	-	UBC		Paw-16	3 T						ROS TRM X-Niskin other?
	<i>"</i>	"	1 lessure	$\stackrel{\smile}{=}$	riessule						gases									Watchkeeper(s): 1 / / GAC
1	1	128	2005	$\checkmark$			х						х							
2	2	129	10	1			mal, s				хх									Bottom Depth: 2089 m
3	3	130	5	1	2	х	х	хх	хx										xī	Transmisso Cleaned: Y N
4						Michael I														
5			2(*):																	Time UTC Local
6																				Start   1701   1001
7			4											755						Bottom 1735
8																			<b>建筑等于产品的</b>	End , 18 09 11 09
9																	CHECKED-THE	Name I I I I I I I I I I I I I I I I I I I	MANUAL DESIGNATION OF THE PERSON OF	Ella
10											14711			単元 計画						Positional Information
11																				
12														W. Carl			THE ST			Lat: 49 • 41 . 44 N Lon: 127 • 10 . 00 W
13							14									(TEMPHOORE	ENDOWERSME	CALCATURE	DETWENT OF THE PROPERTY OF THE PERSON OF THE	W Lon.
14						Tan I			Sell for						, in or	DX CON	EAST OF	13/12		Elat. 4/8 • 4// 4/5 u
15															W.	ARCHARACTURE	***********		Control of the Contro	Lat: 48 • 41 . 45 N Lon: 127 • 09 . 93 W
16									12300						COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF					Eon: 12.7
17												THE PERSON NAMED IN				HEIR CANE				Lat. 19 0 411 47 m
18				Stabil								3.54						The state of		Lat: 48 • 41 42 N Lon: 123 • 09 90 W
19						- Committee of the Comm						- The second	attri-sange							Lon: W
20				8						9101									医多数 医电影 医多种	Future and
21										oute mos					6-H3352	153		DESCRIPTION OF THE PARTY OF THE		Extra comments:
22																				Will also have loops for Chl x2
23					9115.11		220000		(11)											Sal x1, OxyLab x2,
24											Employed									and OxyT x2

# **Sampling Log**

	Cruise	ID:	2016-06		Station:		P6			Event	#:	20			Ship:	24 (2)	Tully		UTC Date (dd/m	mm yyyy): _ +   _ 6   _ 6
			Rosette C	= 1		Samp						THESE	nagras.	5-5-3	聖書祖	<b>国在6</b> 00	EN S		Comments	Profile type:
Niskin	Firing	Sample	Target	Co	nfirmed	Nut-F	Sal	Chl	HPLC	or Span	UBC	h ()	Paw-16		3.0	4300	. Iften		on other's.	ROS TRM X-Niskin other? Watchkeeper(s):
#	#	#	Pressure	<b>√</b>	Pressure				Wa	prilitest	gases	ŧ				Vere	nkeep	r(s):	The state of the s	Watchkeeper(s):
1	1	131	2005	V	2005	2-7	х			All .		1	х						W III JE	
2	2	132	10	1	10					40,450	хx					Bott	na Daj			Bottom Depth: 2545 m
3	3	133	5	1	.5.	×	х	хх	хx	1300 pp.			Y		Contra to the	Tran	matest	ត្រូវត្រូវ	at V / F	Transmisso Cleaned: Y / N
4																				<b>"自然是我们的是我们的是</b>
5		Contract In Section	I I I I I I I I I I I I I I I I I I I					( -							Ė	.=115	9%	: 1	1 / 1 /	Time UTC Local
6			h says																	Start 2136 1436
7					0															Bottom 2211
8									H.											End 2249
9	National Property of the Parket of the Parke		12/10/12/19/19/19				273 200 200			-										
10							300	The second												Positional Information
11																				Lat: 48 . 44.56 N
12		到"温楼	IN THE STATE OF TH				BINE													Lat: 48 ° 44 >6 N Lon: 127 ° 39 97 W
13	LO-MONTH BERRY	Development		Т														Ÿ		
14	COST.														TEMP	1			由性性理學是	Lat: 48 ° 44 58 N Lon: 127 ° 39.99 W
15					- T				m jûn					g- 1		d (Lon		(0.)	W.	Lon: 127. 39.99 w
16												COLUMN TO SERVICE STATE OF THE						*		Verification Verification
17	No. of Concession, Name of Street, or other Persons, Name of Street, or ot	Carrier Constitution		T					5.0	j		1		3		Lat		q	hê	Lat: 48 · 44.58 N
18									1000			1				5 Lor			***	Lon: 177 · 40.01 w
19												ł		0						<b>一点的是是现在的图像是一个。</b>
20										-						12/25	s (m)			Extra comments:
21	Nagro de la constante.	Particular de la constitución de	III SANTE CONSTRU		THE REAL PROPERTY.											Î sea		2	Epot Car 2	Will also have loops for Chl x2
22					164			The same of	25 1											Sal x1, Oxy as x2,
23	NAME OF TAXABLE PARTY.							-												and OxyT x2
24					L DEED S			A SH	15216											

## **Sampling Log**

	Cruise	JD:	2016-06	20	Station:		P7			Event	#:	25		-	Ship:		Tully		UTC Date (dd/mr	nm yyyy): 🔀
Niskin #	Firing #	Sample #		Co	nfirmed Pressure	Samp Nut-F	les Take Sal	e <b>n / Sar</b> Chl		Initials			Paw-16	Periodic No.			7 10		Comments	Profile type:  ROS TRM X-Niskin other?  Watchkeeper(s):
1	1	134	2005	V	20017	Renov	x	WOUSERING	APPLICATION OF	(Control)	HOUSE SERVICE	(0 to (10)	X	(400 SET 5.10)	In the last	on Salthon		Elember		
2/	1	135	5	V	5	X	x	хх	ХX										Accidental trip	Bottom Depth: 250 m
3	3	135-	-1	-				CHICAGO S		TAXABLE IN			20000000	V/304/103E30	Hornon		SUISHIGA		@ 543m	Transmisso Cleaned: Y / N
4						The let														
5								×												Time UTC Local
6				DIG.																Start 0146 1846
7					#								-							Bottom 0223
8																		ÉW.		End 0300
9																				
10																				Positional Information
11			54																	н Lat: 48 • 46.70 N
12																				Lon: 128 • 9.99 w
13																				V
14																1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				E Lat: 48 . 46.60 N
15				Jane 1										2.2					3/2 E	Lat: 48 • 46.60 N Lon: \28 • 9.97 w
16																				V
17		(Janes of Lines and Lines)	TOTAL STATE OF THE	PEGERAL STATE		SASSESS OF THE PARTY OF THE PAR				A Salahanan										Lat: 48 . 46.64 N
18	ALC:		TENDER OF STATE							4	<b>不然的</b>							o all		Lon: \28 • 9.90 w
19	96/05/2009	Halle School			CHES SHEET SHEET		III III SISIRM	and the state of		The second		560	Principal Lan	SCHOOL SHAD		Contract of the Contract of th				
20			TO SELECT	100							other.			N. WEST						Extra comments:
21	2/22		SHEETE BARR			HEMEN ET		safformistr							No Service	Section 12			000000000000000000000000000000000000000	and commones
22				1824		5.452		SECTION .			10000						MI LIN			
23		100 Ca 25 L		233		HE SHIM			S SHAIRN	JULIUS IST		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		CALLED S	AND SECTION	- SEULE	DE CONT			
24											A.							A STATE OF		) XX

# **Sampling Log**

Rose   Profit   Pro	Cı	ruise	ID:	2016-06	_	Station:	-	P8			Ever	nt #:	2	5	5	Shin					Division, Sidney, BC
Pressure   V   V   V   V   V   V   V   V   V	iekin   Ei	irina l	Sample	Rosette			Samp	les Tak	cen / Sam	pler's l	nitials	45 77 7 5 75	RANGE OF THE PARTY	uli Culi mezo	_	Snib		Tully		UTC Date (dd	mmm(yyyy): S + 6 + 20
2000	#	#	Sample #			1	Оху	Sal	-Nut Fr	Nut C			and a state	gard with			Paw1	6		Comments	Profile type:  ROS TRM X-Niskin other?
1250	10		136	2000	V	2000	х	хх	x	x		1			V V				1	C.16PC(T - T-12)	Watchkaanawa
1000	2		137	1500	1		x	x	x	×					5007.60	93100	X		s in the same of	OPENED @ SURFACE O	R. The Media of the second
1000	3	estados e	138	1250	$\vee$		х	х	xx		RESERVE SE			Delaise I			X	1 250		House as in other	Rottom Donth
800	4		139	1000	V		x	xx	the bits		THE R	排化有效		THE SECTION	XX	LOSSIE AL	X	17.52 W 100 20			
Start   Star	5		140	800	V		х					(CELOTINA			XX		X				
A00	6		141	600	V				ENTERIOR D	PERETAIN			STORE D	DESERTED S	ХX		X	·			Time UTC
Solution   Solution	7		142	400	/						A HEAVY			in diame	XX	150 150	х				Loca
250	8		143	300	1	•			1551LX9111	-X	JIS SE				хх		х			31.50	1000 010
200	9		144	250	V						100	<b>ENTER</b>			xx		х				The state of the s
175	0		145	BE NORTH	V		ALC: U.S.	New York	HUK SIS	un de la constante	TE DIST	SEC.				х	х				Elia
150	1	J. H	146		V	Service Servic						AUTO IN THE			xx		x			<b>斯邦 李振 東洋 表现</b>	Bartin III
125	2		147	A STATE OF S	1	BASE STO	a Valendari		DIST - IS	GIELLE S			HIDATHILLING CO.				х				The state of the s
100 V	3		148							图图图	<b>Partition</b>				xx	х	x				Lat: 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
75			149	- CURTISME	1		NEW I	Contract of	X		Sulen	ACT OF THE REAL PROPERTY.					х				Lon: 128 ° 39.9 7
60	5		150		1	CONTRACTOR OF STREET			X		x				хх		x		26.	<b>党型有限的</b>	E
50			151	は対地には必要が	/	NEWS STREET	<b>公司公司法</b> 司	Marine SM S	X	as local - a	х						×		Santa Pres	WILL STREET STREET, ST	
A0		MARKET MARK	152		1		X		x		хх	хх					Spin Di		國際 盛		Lon: 128 · 39 97
30		B) 23	153	Stight of the	1		X		X	GHEAT TO THE	хх	хх			x x	x			No. of Lot		
25	DO 100 100	100	154		1	CT CONTRACTOR	X		x		xx	xx					ACTIVE S				To the state of th
20	温光度	1000	TAX MARK TO	DESCRIPTION OF THE PARTY OF THE	1		X	VAHESTY ET	х		хх	хx						Anna Maria			ш Lon: 128 • 39.95 v
20			155		1	Hard Har	X		x		x			Y	X	J. P. L.	APRIL B	Sale As	Natural VIII		
Will have loops for 2x Oxy,		TANK THEFT	156	THE SHAREST PARTY.	//	A Maria granus and	хх		х		х					v			(100)		
			157		1		X		x		xx	xx					LUBBURS				Will have loops for 2x Oxy,
10 x x x x x x x x x x x x x x x x x x x		HE LAN	158	10	1	Ulate Service	х		х						, I						2x Chl and 1x Sal.
Transmissometer to be cleaned before each cast, do not use Ammonia products	Version	_	159	5	V	計画開發表					(X	XX		JISI 1510	C-10 14	STATE OF	X	AND THE REAL PROPERTY.	030000000000000000000000000000000000000		

**Sampling Log** 

	Cruise	ID:	2016-06		Station:		P9		-	Event	#:	26		<del>.</del>	Ship:		Tully		UTC Date (dd)n				- 10
iskin #	Firing #	Sample #	Rosette C	<b>Der</b> Co	ation	Samp Nut-F	les Tak	en / Sar	mpler's HPLC	Initials			Paw-16						Comments	0	Profile type: ROS TRM Watchkeeper(	X-Niskin	
1	1	160	2005	/			х						х										
2	2	161	5	V		х	×	хx	хх											100000	Bottom Depth		
3												-	UNIO SERVICE			·.	No. post to a	Participality and			Transmisso C	leaned:	(Y) I
5								Allege State	1000 1000		Z TILESCITE		N 30 P	nin San				No. of Concession, Name of Street, or other party of the Concession, Name of Street, or other pa			Time	UTC 10 27	<b>Loca</b>
										e) ( 12 h)									(1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	545	Start	1057	0 34
	AND SATE		ne safe m	Service Co.		a comp	Marie III				00 20 E				84/100	100000000000000000000000000000000000000	Notice of	ALISY.		189 482	Bottom	1131	
						m din	是世襲			EL SE	y in										End		
				100		169.8	HELDE!		14-453	E CONTRACTOR	20 SA	49832				STOWN STORY					Positional Inf	ormation	
				10/5		1515	NAME OF									1000	IN EST				Lat: 4.8	· 51 ·	44
157	11448.8	HAVE THE	THE STATE OF THE S	3 16		31,010	I PECTOR		I JAIR		IF CEN	gamen.	R Falls							Start	Lon: 129	. 09	94
S.				100			-	1800 18			N VECEN			LOCAL PRINCIPAL OF	-		1816291	\$200 SEC	ESECTION OF BUILDING		Lat: 48 Lon: 129		
/i C	TO SELE	HV HAVE						Total Control						18/2/A		SEV.				E	Lat: 45	. 51	. 38
5			DE DYNORES		HIVE IN LA	i i i i cari			D DESCRIPTION		Hillianski	INCHES INCOME	Chir Ho4kin	Dr. gotte-te-	A THE STREET					Bott	Lat: 48 Lon: 129	. 09	. 92
A STATE OF	154100					CAR			200													V	
,	- NEWSON			100	SANS III AS A COLUMN	C DEFERMAN		-								-				100	Lat: 48	. 51.	36
3																				End	Lat: 48 Lon: 129	· 10.	0.7
9			12									4							=:	THE STATE OF			
0																					Extra comme	ents:	
1																				110			
2												Table 1											
3																				) A			
24				5 00																			

## **Sampling Log**

	Cruise	D:	2016-06	4	Station:		P10			Event	#: <u></u>	29		_	Ship:	7	Tully		UTC Date (dd[mi	nm[yyyy): 👱	8 502	2016
Niskin #	Firing   #	Sample #		Co		Samp Nut-F	les Tak Sal	en / Sar Chl	npler's HPLC	Initials	UBC gases		Paw-16	6   					Comments	Profile type		other?
1	1	162	2005	1	2006		х						х									
2	2	163	10	1	10						хх					100				Bottom De	oth: 26.40	m ·
3	3	164	5	1	5	×	x	хх	хх					Ni Ni						Transmisso		⟨ <b>Y</b> / N
4							THE STATE															
5		rest Property and	(Section Section	i mile			100000000000000000000000000000000000000	Name and Address of the		William III									- 10 PE	Time	UTC	Local
6	質量																		<b>加州共和国的</b>	Start	1405	0705
7			Toronto Company		Kelling Shines		12011004100	China Live To	Styllizati	Arrican - I	Section 200	A COURT OF THE	MITTER SATUR	I DECEMBER	OTHER WINDS				2	Bottom	1442	
8	Spate.		Telephane																	End	1.518	
9	Jan Jan	Jan Land		30		F-28 (	Marsten.	構織性質素	NEWS SAID	Carlo Con			A ALE	O MILES	Tetucké SET			1 THE RESERVE	A Closellow to the later of the management of			
10				型		NE HE														Positional I		
11		ENG4 874				Kentes		SA 80	TENTER			San pain	17.375	Estata A	NUR U	SUPPLIE	,	on and the	THE RESERVE OF THE PARTY OF THE	Lat: 4	8 • 53.	59 N
13		THE STATE OF THE S													E E	Person				ស Lon: 12		
14						E SE								V 100 12 1	1000 N	Dec 9			ELS. In L. STATE OF RESIDEN	E	V	
15	Tropics Co.	EVENT STATE		10000								THE STATE OF						18 型件型		Lat:	8. 20	70 N
16		THE REAL PROPERTY.					A SAME		15-5-14			Si Si	1972					Cont.		m [Lon:	V	32 w
17							SELECTION	BENTALIN	ALTERNATIVE EN	HANDENS SEL		muliness.	NACE DES		CATE ROOM	(POPSIC	SECTIONS:			Lat: 4	8 . 53.0	
18	012 6203			U20					196	Two.						1815				Lon: 12	9.400	2 N
19													ELECTRICATION A	10dizetti	HARTMARSHE				in the writing in the light was a first of the	u Lon.		N W
20					10.25					· 新沙里			Media A	The state of						Extra comn	nonte:	
21							141704541111112941	post of the second		Action with					110000	AND DESCRIPTION OF THE PERSON	Car Manual	( moderning	An ace of the state of the stat	LAU a COIIII	ients.	
22				8													腰腸					
23																						
24																					\$	

# **Sampling Log**

	Cruise				Station:		P11			Event		31			Ship:		Tully	*	UTC Date (dd∤mr	mm yyyy):08   Jun   2016
Niskin #	Firing #	Sample #	Rosette O Target Pressure	Coi		Nut-F	Sal	en / Sar Chl	npler's HPLC	Initials			Paw-1	6					Comments	Profile type:  ROS TRM X-Niskin other?  Watchkeeper(s):
1	1	165	2005	$\checkmark$			х						х	Į.						TP W
2	2	166	5	1	5	x	x	хx	xx										<b>医不见性恶性医性</b>	Bottom Depth:m
3				<b>AB</b>				SSISTEM AND			ne fire service	Market Sta	retellesse	100,000,000		SXS:45000	STRUMENT OF STREET	10000000		Transmisso Cleaned: (Y) / N
4	100000000	REMINES NO.		8920	SPECIAL TO								18802			100				
6				-08								No start		in sains					THE REPORT OF THE PROPERTY OF	Time UTC Local
7		2019 1 2/6				THE SECOND			DE 5 PM	DESTRUCTION OF THE PARTY OF THE	38(124)	3,420								Start 1750 1050
8				18 J					Here							Ness	1100			Bottom / 84
9												10 A 10	EMPIRE OF	in escole						End [858]
10												ne con			20.51					Positional Information
11																			DESCRIPTION OF STREET	Positional Information
12																				Lat: 48 ° 56 00 N Lon: 130 ° 69.92 W
13	TOUTS IN THE																			<b>V</b>
14	Tetta:																			Lat: 48 ° 56 ° 05 N
15	- // SE0	18925-19025		1900	Sale //Sussion	SHEEL		None market	× 61 avg (10)	No. of the last of	. *	- Control Space							:t:	Lat: 48 ° 56 · 05 N Lon: 130 ° 10 · 00 W
16		推拔等																	<b>有自由的国际</b>	
17	TA LEGILIE	G. 0.50	GOZ UBNA	C21.4	6/4/2022				3 - 2 - 2   1		Stowers			- 97184		or taylored	o saute	GRI (COS)	Property and the state of the s	Lat: 48 ° 56.07 N Lon: 130 ° 9.95 W
18 19		4201920450		651																Lon: 130 ° 9.95 w
20		34%						7.32	WAR STATE				Abor.		SOUR PLAN	53/6/74/8				
21		PACE TO SERVICE	地區工具包含數	2	ALL AND A STATE OF A S					Maid o	223 185									Extra comments:
22				100																
23							Hallenda		MARIE .								a weng			
24															11.51			1 20		

#### **Sampling Log**

	Cruise	ID:	2016-06	Station:		P12		-	Even	t #:	32	<del></del>	Ship:_	Tull	У	UTC Date	(dd mm	m yyyy): <u></u>	8 302	1 2016
Niskin #	Firing #	Sample #		peration Confirmed V Pressure	DMS	DMSP	en / Sar DMSP	npler's   Nut-Fr	Initials Chl	HPLC	Phyto				Co	mments		Profile type		other?
11		167	300		х			х												
2		168	200		х	х	х	х										Bottom De	pth: <u>32</u> 3	ے m
3		169	175		X	×	х	х										Transmiss	o Cleaned:	(Ŷ)/ N
4		170	100		х	×	x	х	х											
5		171	75		х			х	х									Time	UTC	Local
6		172	60					х	хx	хх					Flu	0		Start	2126	1426
7		173	50		х			х	хх	хх					Flu	0		Bottom	2135	
8		174	40		х			х	хх	хх					Flu	0		End	2154	
9		175	30		х			х	хх	хх					Flu	0				
10		176	25		х			хх	х									Positional	Information	
11		177	20		хх	хх	хх	х	х									Lat:	8.58	8 N
12		178	15		х			х	хх	хх					Flu	0	\$\frac{1}{2}	Lat:	30 0 40 0	) 3 W
13		179	10		X			х	х										▼	
14		180	5		х	x	х	х	хх	хх					Flu	0		Lat:	8 . 58 2	4 N
15		181	0		X	x	х	х	х									Lon:	30 0 40.0	00 w
16																			▼.	
_17																		Lat:	8 . 58 2	
18																		Lon: /	30. 39	99 W
19					_															
20													Ne					Extra com	ments:	
21																		DMS cast		
22																		Will also h	ave loops for	r Chl x2
23																				
24																				

# **Sampling Log**

	Cruise	ID:	2016-06		Station:		P12		-0	Event	:#:	52	_	_	Ship:		Tully		UTC Date (dd)	mmn	n yyyy): <u>&amp;   6</u>	12016
Niskin #	Firing #	Sample #	Rosette O Target Pressure	Со	nfirmed Pressure	DMS	DMSP	en / Sar DMSP d 🔥 🌣	npler's Nut-Fr	Chl	HPLC	Phyto							Comments		Profile type: ROS TRM X-Niskin Watchkeeper(s):	
1		167	300	V	300	х			x										W W	200		
2		168	200	V	200	×	x	×	х									DISTRIBUTION OF THE PARTY OF TH			Bottom Depth: 3.	236m
3		169	175	J	175	x	х	х	х					11							Transmisso Cleaned:	- / -
4		170	100	V	(00_	x	x	×	х	х												A STATE OF
5	Mallacan	171	75	1	75	х			х	х			*	2.					Į.		Time UTC	Local
6		172	60	V	60			a such	x	хх	хx				TPUR	100.45			Fluo		Start 26	1426
7	-75 M	173	50	V	50	х			x	хх	хх								Fluo		Bottom 135	
8		174	40	V	40	х			x	хx	хx								Fluo		End	25
9		175	30	V	30	x		ar and a second	Х	ХX	XX	SESTION.							Fluo			
10		176	25	V	25	х			хх	х											Positional Information	
11	107 X411	177	20	$\vee$	20	хх	ХX	ХX	X	х	-0-0-0-1	NAME OF TAXABLE	CONTRACTOR AND ADDRESS OF THE PARTY OF THE P				(1/200 money	and the same of th		t	Lat: 48 • 58 Lon: 130 • 40	18 N
12	表別性	178	15	1	15	X		9	Х	ХX	XX								Fluo	Sta	Lon: 130 - 40	03 w
13	100	179	10		10	X	(e) Len	i de la composition della comp	X	X	49.10		See See See See	Manual Property of the Control of th			E STATE OF THE STA	#13.20 of 12.00				
14	115163511	180	5	×	2	Х	Х	Х	X	ХX	ХX								Fluo	tton	Lat: (8 • 58.	
15 16		181	0			X	X	X	X	X	EACH, DE				(0.50 E (0.50 E)	HE HOUSE	SERVICE S	10 PH 10 TH	Care a commence and a second	8	Lon: 30 + 4	).00 w
17		ALTERNATION BY			OCCUPANTAL DES	4-70-1					92							所能對				
18				215	经价件 海点	11 2 11 2				H. B. Jan				i in a d		100 Wes		1500			Lat:	N
19			Est production and the	CHIC	MANUFACTURE STRAIGHT	MIN COL			ide forest					militie 3				Y		<u>u</u>	Lon:	w
20				5								<b>91</b> 16					100000000000000000000000000000000000000	<b>阿斯斯</b>			ATTACAMENT	
21	I STEEL STATE		Haptaria Germania	127514	No. (No. )							NO PERSONAL PROPERTY OF THE PERSON NAMED IN COLUMN 1					11.000			5252	Extra comments:	
22																品家伯	SUPPLIE			EE (52)	DMS cast	
23					The second second	Johnson Hydrig				A	New York		(F-10 (SIII) AS	ter professor				PER TEN			Will also have loops for C	thi x2
24														7	DUPLC A			Little Sil				
				_							1900	10.00	Digital Control		CENTRAL BI	2011/12/2010	- CONTRACTOR	JH 48.4. I	Actorist Control of the Control of t	(B)		

**Sampling Log** 

	Cruise	D;	2016-06	-	Station:		P12		_	Even	t #:	35		_	Ship		Tully		UTC Date (dd m	nmm¦yyyy): 🦪	. 6	16
Niskin #	Firing #	Sample #	Rosette C Target Pressure	Co	nfirmed Pressure	Sal	les Take Nut-fr	en / Sai Fe filt	mpler's Fe unfilt	Initials									Comments	Profile type: ROS TRM Watchkeepe	X-Niskin	
1		182	50	Ī		×	×									Ī				] watchkeepe	1(s). 0 T	
2	1	183	40					x	X	is let us		10112	TO POST		Market P		The rail	MISUSW.			720	
3		184	25					×	×	- Allert and a	SCHOOL SCHOOL	NOTIFICAL PROPERTY.			a service of the	11==1==1		-		Bottom Dep		
4		185	10					×	x	47										Transmisso	Cleaned:	Y / N J
5								141								12	0.00			Time	штс	Local
6								1243												Start	2200	1500
7																				Bottom	2245	1545
8	Cita																			End 2310	2119	1610
9				1952		O'STREET	A CONTRACTOR	Total Cres	Maria Maria Maria													
10																				Positional In		
11			ra na name il					- 125	45453						Editoria		Total Control			Lat: 48	0 58.2	2 N
12		9 4 9 1					2000													Lon: /3	0 39.9	99 w
14	0.4718			100				1					Heyen		AMENG.		(i)		to the short of the base of the base			
15				480						H State			Fin Tivo							Lat:	0	N
16				All	WIND SEA			Antaha			Ten Yu				1000					Lat:	•	w w
17		Emili Zili Si Si Si Si	The HE ST PARTIE		100000000000000000000000000000000000000											EVILENI				40		27
18							J. V							Marie 1						Lat: 48 Lon: 130	39.	99
19																				LOII,		
20	1 2																	5/3 (		Extra comme	ents:	
21	ogsettenite and							3.)								12				Go-flo 50		
22		STAR .				J. Bright																
23					BH9210050		an spine														S <b>*</b>	
24		Si stilling						WHE THE	NO. THE				Y Spiral							18		

# **Sampling Log**

	Cruise	: ID:	2016-06	-	Station:		P12		_	Even	t #:	34			Ship:		Tully		LITC Data (ddia		× 6	MAI	1
Allia Lita	the contract		Rosette C	100000	CONTRACTOR AND ADDRESS OF THE PARTY OF THE P	Samp	les Tak	en / Sai	mpler's	Initials	E JUNE		25 July 28	- 2/2/2/19	3	53/2		Barrier Barrier Well	UTC Date (dd/n			1 2016	0
NISKIN #	Firing #	Sample	_	Cc	onfirmed	OXY	Sal		Nut-C		pН			SAGs	DNA	Gases	S	Paw16	Comments	Profile typ	e:		٦
<i>"</i>	"	#	Pressure	V	Pressure	the pol	er 197	x-4159	VY 195	1 / W	65			UBC	UBC	UBC		45 66		Watchkeep	M X-Niskin ·	other?	4
1		186	Bot-10	1	3278	х		х	x	х	x			x	×	××	T					HE CONTROL OF THE PARTY OF THE	╛
2		187	3000	1	2999	х	xx	х	x	xx	x					**		X					
3		188	3000	1	2999	х	х	х	х	x	х			×	x	V V	22-110-18	X		(910)34	pth: <u>37</u>		4
4		189	2500	1	2501	хx	xx	x	х	x	xxx	BEG.				XX				Transmiss	o Cleaned:	Ø/ N	
5		190	2000	1	2000	х	х	х	х	x	х		201-201-01	x	×	V V		X					
6		191	1500	1	1500	x	хх	x	×	x	х			x	×	XX	2 4 1	X		Time	UTC	Local	Ę
7		192	1250		1250	x	х	х	х	х	x			X		XX	A STATE	X		Start	2326	1626	10000
8		193	1000	J	1000	x	хх	х	x	x	x			x	X	XX	House	X		Bottom	0025		1
9		194	800	Ú.	800	хх		хх	хх	x	x			×	x	XX		X		End	0145	Manager - April	J
10		195	600	V	600	x		x	x	х	x	192.50		x	×	XX		X					A 32.0
11	_ i_	196	400		400	х		х	x	х	х			x	x	XX	III EXEKTE	X		Positional I			-
12		197	300	$\checkmark$	300	x		x		x	x			X	×	XX		X		Lat: U8	• 58.	24 N	
13		198	250	5	250	хх		х		х	х		Billing	^	^	XX	MBDVI	X		Lon: \3(	39.	96 w	
14		199	200	V	200	x		x		x	x	The same	Y STAR	x	х	ХХ	ARTON D	X	THE STREET, ST		V		1
15		200	175	J	175	х		х		х	x			^	^	* *		X		É.	3 • 58.		
16		201	150	V	150	x		х		x	х			x	x	хх	ANE S	x		Lon: 130	• 39.	97 w	
17		202	125	$\sqrt{}$	125	х		х		х	xxx				~	~~				1.0			
18		203	100	V	100	x	0,200	x		x	x			х	x	xx	N.S.	X		0	\$ 58.2	7 N	馬匹
19		204	75	$\sqrt{}$	75	хх		хх		x	×				^	**	Object of the	×		<b>■</b> Lon: 130	) • 39.9	13 w	
20		205	50	1	50	x		x		х	x		THE R	x	x	xx							
21		206	25	V	25	X		х		x	×			x	x	XX		X		Extra comm		٠	
22		207	10	1	10	x	SHIP.	х		x	x			x	x	xx		X		Deep cas	5		Day I
23		208	5	J	5	х	х	х		х	x				A IES	^^			- Charles Alle November 14	Will also hav		\$al x1,	TO STATE OF
24																		X		OxyLab x2 a	nd OxyT x2		
٧	ersion: 25	Nov 2011		T	ransmissome	eter to be	cleaned	before e	ach cast	do not	use Amm	onio neo	du a ta			(1))							

# **Sampling Log**

	Cruise	ID:	2016-06		Station:		P12			Even	t #:	34	-		Shir		Tulk				B / L
Alle Lite	i ii					Samp	les Take	en / Sa	mpler's	Initials	. 20	r Weiner		drive min	Only	CREATING THOSE	runy	NIAMOUNIS	UTC Date (de	d mn	mm[yyyy): <u>9   6   16</u>
NISKIN #	Firing #	Sample #	Target	Co	riiirmea	Sal	Nut-fr	Fe	Fe		-	ii yatsiii ja	SOUTH STEED	MANAGEMENT	No. of Concession,		100000		Comments		Profile type:
	n .	77	Pressure	Į V	Pressure			filt	unfilt											1	ROS TRM X-Niskin other? Watchkeeper(s):
1		209	200		2	х	х	х	х	Ŷ		T		1		1				=	watchkeeper(s): NY
2	100 E	210	150					xx	xx	24			E		A RESIGNATION	in the same		SE 1840			
3		211	100					X							E Tree!						Bottom Depth: 3 260 m
4		212	75	189	A PEN				X	in Tab	P SAS	THE LEGIS		EVEN FO	31 Sec. 21	P SERVICE	N CHINA COLUMN		2		Transmisso Cleaned: Y / N
5						TO BE		X	X				E Ungo								
6				B			the called		A 5.8				A PROPERTY.	NO CONTRACTOR					#4	· Maria	Time UTC Local
7	endille Tital				ROBERT MARKETER								THE STATE OF								Start 0220
8									forest loss	COLUMN TO SERVICE STREET	Designation of the last of the	No. of the last								3	Bottom 0245
9		I SECURED.	I in an erall					FRU.													End 0303
		1-19-1-518						-											D. S.		End   CSS 3
10				12/2																	
11	W 1667			(SEE SE														1744-601000	The state of the s		Positional Information
12				=7(Q																a t	Lat: 40 ° 58 15 N
13	TOO IS A TOO	To continue of the													DHUSPIE					_ \overline{\sigma}	Lat: 48 • 58 15 N Lon: 130 • 45 19 W
14	,							100										STATE OF			
15														- Charles						<b>1</b>	Lat: 48 • N Lon: 130 • W
16						NAME OF STREET		SHIP	Mail IV. II	Market 1	THE STATE OF		THE ENGIN	ZHILL	Page	SALE DIS	0.000.000		Silling of the Section of the Sectio	&	Lon: 130 0 W
17									a sources	I SCHOOL STATE		ORSHIER				BHEZH					
18						VEN E				NEUR)		21898	WW. Francis	3700960		62 ti Su 107					Lat: 48 • 58 17 N Lon: 130 • 34 .88 W
19						(DESCRIPTION OF		27-10-11	Open technical Control											Enc	Lon: 130 . 39 . 88 w
20					TO HE WAY	NAME OF							and the second								
21				CHIP)	MOD VERNISHED IN	SEARCH TO !															Extra comments:
22			28/00/03	80	UHU XXXVIII XXX	Haral I					107 Time	Data de la constante de la con							·	233	Go-flo 200
23		Bindberd N		13.1			安坐机器			NEW P	30			38. TE							3 10 200
24								V-100		Cambon C		KINGH DATA		TOTAL CONTRACT	(March 1997)					THE	
	ersion: 25	Nov 2011		Т	ransmissome	ter to be	cleaned	hoforo o	and and	le la la				图2							

Sampling Log

(	Cruise	D:	2016-06	S	tation		D10			9		,	7112	titute	of Oce	an Sc	ience	s, Ocean Sciences Division, Sidney, BC
			Donatte /	A COMMENT	1	10	PIZ		_	Event	#:	57		S	hip:	7.5	le.	Braision, Sidney, BC
Niskin #	Firing #	Sample #	Target Pressure	Confir	rmed	Sal	Nut-fr	en / Sa Fe filt	Fe unfilt	Initials Nut-C	PAILE	Bleate				Tul	iy H	Comments Profile type:
1		213	800			х												ROS TRM X-Niekin
2		214	600		anggirozii.		X	X	X	X								Watchkeeper(s):
3	21	215	400			15 1211113	A SEE SHALL	X	X									
4		216	300				(III)	X	X							=1		Bottom Depth: 3239
5						(e e ich	SI MULTI	X	Х									Transmisso Cleaned: Y
6									O/21085	a Sull exce	UKW TO							
7								Mirring		ARRES								Time UTC Loc
8								g-B			Town Control	Little and the						Start 0440 214
9										laturi .								Bottom 0517
10				画型那			SWEET				Ballar							End 0557
11	name to the																	
12										WERE DE			17 10 10					Positional Information
13																		Lat: 48 • 58 19
14							110											Lon: 130 · 40 06
15		ne en en en																
6								E in		NEW STATES								Lat: 48 • 58 23
7																		Lat: 48 • 58 23 Lon: 130 • 40.00
8											E TO			E RIPLE				
9	CLER EN		LATER DESIGNATION OF THE PARTY															Lat: 48 • 58.21 Lon: 130 • 39.90
0													A CALL PRINCIPLE					Lon: 130 • 39 . 90 . 1
	ESSA DEL										OTES IN WHITE							Forter
2	THE PERSON NAMED IN														III NASIHETIN			Extra comments:
		The strong																Go-flo 800
	on: 25 No				issometer													

**Sampling Log** 

	Cruise	; וט:	2016-0	_	Station:		P12			Eve	ent #:		38		G1	ain:	=		-, -,	Juli Ociciic	CO DIAISION	Sidney, BC
Niskin	Firing	Sample	Rosette Target	Ope	onfirmed	Samp	les Tal	ken / S	ampler	's Initia	als	a jugo		y v acq	or	nip:		ully	_	UTC Date	dd mmm yy	yy): <u>9161</u> 20
#	#	#			Pressure		UBC					+	-		HITELESCOPE OF THE PARTY OF THE	MEN BALLET			Cor	nments	Pro	lle type:
1		217	2000	U	2000		×				=	+		+	$\perp$						Wat	TRM X-Niskin other?
2		218	2000	V	2000																	DY
3		219	2000	V	2001		The section of				TO COMPANY											
4		220	2000	V	2001		10 /25						2002000	NII PER		-				ESSAN DIRECTOR	100	om Depth: 3235 m
5		221	1000	1			X														Tran	smisso Cleaned: (Y)
6		222	1000	V		Sindis					ind vote			17								
7		223	1000	1																	Time	Local
8		224	1000	1						0.00	E Care		Bel Samuel								Start	0607 2307
9		225	500	/			x														Botto	
10		226	500	V							n Rate	A PUR								11 11 11	End	0718 0018
11		227	500	V					SI AIM													
12		228	500	1				45	VE TOUR													onal Information
13		229	10	V			х	9 31/6		(# 51)	U ED E										Lat:	48.58.20
14		230	10	V		100000			HER THE			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									U Lon:	130. 40.04 v
15		231	10	V				BOOKE ST				100								A-SITE OF	E	(10)
16		232	10	1		id NA			Will- Day	Hell In		Carlo, Black									Lat:	48 . 58.21.
17														Bills							Lon:	50 ° 90.05 w
18										1 10	Herita I		Texas and								1 04.	48 • 58 71
19												1000	de ala		132 6		100					70.
20					E SELECTION OF THE PROPERTY OF			E Black	37/25TQ	N. Contract	Taken .					0.000000					LON:	30 · 4002 w
21					*								機制								Ever	
22												NA CO			(100) 100		******			to the same of the	Jade's c	mments:
23									20 Min 19	stronty.	Halley										Jaue's C	वडर
4	rsion: 25 N	<b>联边境</b> 世								Sulpassion of the sulpassion o		F 1000	PARTITION AND									

**Sampling Log** 

	Cruise	D:	2016-06	_	Station:		P12		<b>-</b> 6	Even	t #:	40		_	Ship:		Tully		UTC Date (dd m	ımm!\	vvv):	3 1 6	16	
A12-2-2-1	L		Rosette C	per	ration	Samp	les Take	en / Sai	mpler's	Initials	coffeeball		UM A Kar		1 1 1 1 1	Acc La			Comments		ofile type:			ī
NISKIN #	Firing #	Sample #	Target		nfirmed Pressure	170	ONAr	Оху	180 in	dNO3 in	NH4 inc	CHL	Nut-Fr	NH4	Sal	Phyto	UVic	C14		R	OS TRM	X-Niskin	other?	
-"-	"	1 "	Fressure	LV					<u> </u>											w	atchkeepe	er(s):	7).	1
1 1	National State	233	O2 max	1	, 36	xx		XX							х									麗
2		234	5 m	V		xx	ХХ	XX		×						xxx					ottom Dep	th: 32	36	٦
3															-			Participant	Designation of the second seco	SHIP				_
4		235	250	/					引温								х				ansmisso	Cleaned:	Y/N	
5		236	150	/	5							Series III	THE P.			THE STATE								
6		237	50	1												Nan-fatt	X	112244	A company of the property	100	те	UTC	Local	7
7		238	20	1			DEED INST					WH-CO-		Elos III	1 65 Et 1		X	CYLE !		St	art	0824	0124	4
8		239	10	1					ENTER S			HIME &		E - 100		37 59 1	X	Who we will	ASSESS THE RESERVE OF THE PERSON OF THE PERS	Bo	ttom	0828		4
9	EDEPHRACE II	240	5	/		110000	Spice NEW		or and the		origina III						X			En	d	0946		
10		240		V				ME ESSE			is a gard		000000000000000000000000000000000000000	0.500050	CHI SG THE	20 XXX	Х							
	aralub a	Re Camil		950	<b>国际国际</b>	SERVE	HECK		100			VB-1885										formation		
11		Azir verifi		lien.				Application of the	8 18 18 18 18		e-ompeutité	II NOT UTAL	SHOW SALE	GPT-110CT-11						ᆫ La	t: 48	. 58	. Z5	
12				nei	TO THE REAL PROPERTY.											1078				Sta Lo	n: 130	· 58	. 91 W	$\sqrt{}$
13		Million Klyku	22 02 JE 10 10 10 10 10 10 10 10 10 10 10 10 10	Street	reconstruction and	AND THE	THE STREET	and the same												n said		<b>V</b>		
14		21.23		8,6																E La	t: 46	<ul><li>58</li><li>39</li></ul>	23. N	7
15	NIE WOOD	CHECK CHILDREN									, a									Bott	n: 130	0 39	95 W	,1
16					BALL T																	<b>V</b>	A STATE OF	
17		241	100%		0			хх	xxx	xxxxx		х	х						A STATE OF THE PARTY OF THE PAR	La	. 40	0 53	19	7
18		242	100%	1	0						xxxxx			xx						ב ב	12/	• 59 • 39	1/ N	- Section
19		243	55%		,0		xx	xx	XXX	х	x	х	x	xx	х	ALICON DE LA COMPANSION				L [Lo		T2209425	W	
20		244	30%	1	5			xx	XXX	x	x	×	x	XXXX	x		SECTION					minimal term is in	re optimite the	1
21		245	15%	$\sqrt{}$	7			xx	XXX	x							18 会通り			15310		ents: out-of-		100
22		246	1%	1	60		N S A	xx	xxx	×	X	X	X	XX	X	Kene						eresa, Robe		100
23		247	55%	1	b			^^	^^X	X	X	Х	X	XX	Х	DEGINE IN	an roug	Apple of the		Charles and Control of the Control o		, 1, 7,8,		NO.
24				V		DESIGNATION OF THE PERSON OF T						Me ziniñ	SI COLOR			1489 N 3		Х			1.2,17	18,19,2	3	S S S
	Jorgian, 25	E Nov. 2044	10 U	-2311								HAN TO	Will Bush											

	O	ID.	2016.06		Station:		P13			Event	: #:	42	2_	11.5	Ship:		Tully		UTC Date (dd/m			19
	Cruise	יטו:	2016-06	•				on / Sa	mpler's	Initiale	Elfoxies.	\$ 1 (P) 10			a same	SPEEDS		THE AL	Comments	Profile type:	V Niekie	other?
Niskin #	Firing #	Sample #	Rosette O Target Pressure	Co	ation nfirmed Pressure	Nut-F	Sal	Chl	HPLC		UBC		Paw-16				18 =1		9 >= F	Watchkeepe	X-Niskin er(s): (4.r).	other?
1	1	248	2005	1	2005		x						X	100 March 1980	TO INCHES	and a sub-	40000000	asanton)		Bottom Dep	sh. 3052	2 m
2	2	249	10	V						W 220	хx						18.04		<b>国产品的企业</b>	Transmisso	Oleanoda	(V) N
3	3	250	5	V		х	х	хx	хх						12	Caretta I	#10/45/03/S	GASNURID.	Vicini Solomi Vicini Wali	Transmisso	Cleaneu.	
4	<b>基础的</b>		The sales													entruit.						
5				Contract of the Contract of th					0				99							Time	130 6	Local 0606
6		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																		Start	1339	0606
	Severally		Delbigass area		United Section									×						Bottom		0712
7							A STATE OF								AND SERVICE					End	1412.	
	100 July 1				Section of the Control of	Will District Head	a Coetona															
9	Walle Wil	· 国际 2000																			Information	ira
10	MILITAR	FREE OR		100			The state of the s			and the same										Lat: 40	0 02	. 59 N
11														1115						Lon:	0 40	.00 W
12				ELESS		BI STATE OF	Name and													4. 146 准备。		<b>产到高级</b> 自1245
13	PE SAN				JESHUZE		No.				N ASSE	and a								Lat: 4	9 0 02	5 / N
14	183		Marie Traffic		HINE CHE		en desputation	II HOTELS		MILITER STATE										Lon: /3	.1 0 37	,95 W
15	a section of				Carlo de							i ava									<b>三人</b>	
16					人的資本的	BA (1987)				Company III	7,000		HS HS S						5 6	Lat: 4	9 0 0 2	. 58 N
17	N SAHCHAR			0 60	10a 498 S		ika makuma							1		1 指導				Lon:	. 40	, 03 w
18		<b>建</b>								2 5725	500000	REPORTED IN										
19	NI (IN) HIS ACTOR	The state of the s		200		The same and		NO.	Q 11/5 h					986						Extra con	nments:	
20		34/2010/00								S. Physical		RING	S COLUMN	M VEXENT	BEINGLE							
21				100			of Proposition								TO HERE							
22				超级				NI (E E			16 - 77				N		Mary Mary	e like				
23						100 F156051414						AR TOLL					i delle				363	
THE REAL PROPERTY.	Sec. 1557	TO BEST	W. L. S. C.	180 19	1 2 mg	VE TO SERVICE		1717		THE PERSON	100	CHI COST	12 - 55		0:00		NO.					

## **Sampling Log**

	Cruise	ID:	2016-06		Station:		P14			Event	#:	45	5	Ship:	Tully	UTC Date (d	ld mmr	n yyyy): <u>o</u>	9 JUN	2016
			Rosette C	per	ration	Sampl	les Tak	en / Sar	npler's	Initials						Comments		Profile type	):	
		Sample	Target			Nut-F	Sal	Chl	HPLC		UBC		Paw-16						1 X-Niskin	other?
#	#	#	Pressure	√	Pressure						gases							Watchkeep	er(s):	4/027
1	1	251	2005	1	2004		х						х							
2	2	252	10	-	10						хх							Bottom De	pth: <u>33</u> 15	m
3	3	253	5	-	5	х	х	хх	хх									Transmiss	o Cleaned:	
4																				
5																		Time	UTC	Local
6																		Start	1831	1131
7																		Bottom	1903	
8																		End	1939	
9																				
10																		Positional	Information	
11																		Lat:	19.07.4	2 N
12																	Stal	Lon: 13	19.07.4	2 N 2 W
13																			_	
14																	t	Lat: 4	9 0 7 4	<u>N</u> ا کا
15																	B	Lon: /	32 0 40 2	Ll w
16																			•	
17																		Lat:	9.07.4	0 N
18																	End	Lon:	320 40 11	w
19								1												
20																		Extra com	ments:	2
21																		Will also h	ave loops foi	
22																		Sal x1, Oxy	/Lab x2,	
23																		and OxyT		
24																				

# **Sampling Log**

	Cruise		2016-06		Station:		P14				#:	45			Ship:		Tully		UTC Date (dd mr	nm yyyy):	_16
Niskin #	Firing #	Sample #	Rosette O Target Pressure	Co	nfirmed	Nut-F	Sal	on / Sar Chl	mpler's HPLC	Initials	UBC gases	<b>通报机</b>	Paw-16					TAN 18	Comments	Profile type:  ROS TRM X-Niskin  Watchkeeper(s):	1
- 1	1	251	2005	</th <th>2004</th> <th></th> <th>х</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>х</th> <th></th> <th></th> <th></th> <th></th> <th>Į.</th> <th></th> <th></th> <th></th>	2004		х						х					Į.			
2	2	252	10	1	10						хх			Serve (Am						Bottom Depth: 3	5/5m
3	3	253	5	J	5	X 20	х	хх	хх									10		Transmisso Cleaned:	(9 / N
4																					
5		State of the state of	***************************************										(#)							Time Urc	Local
6													(yelle)							Start \8	1131
7		for our law of the	Series - Prince of				07014440	15-15-18-18-18-18-18-18-18-18-18-18-18-18-18-	-	AND DESCRIPTION	I Section 1	arra-tarra								Bottom 3	ă.
8																				End 39	1939
9	WE 184	CALL CON ASSE						NU SECTION				27.5h - 17	(1.50mm)	Value of the last				CP OF THE CONTRACT			
10	To leave				ANT COL	市理計												10.48		Positional Information	
11	THE WAS I	EU THAT WE				02/2/4/6	PURIN		LOUGHUE !	15-1-18	Name Hall		F-100							Lat: 49 7	42 N
12	HEAVE	Little Constitution			CONTRACTOR OF THE PARTY OF THE		<b>SUM</b>			100										တီ Lon:	12 W
13	2507			286						154	arity His	See Lab	i de la comp	REJUSTES			e de la composition della comp		于JAN 1877年,1982年 1878年 - 新田田		
14 15		TO THE PARTY OF TH	SARE ENERGY	1013								Markoviti					AA/Ga			Lat: 49 C	7.4L N
16												EH LOIS	Barra.	1 September 1		State	Link			m∡ Lon: 132	40.21 W
17		NAME OF TAXABLE			EDIATE VEVS 10	SERIE N	STOREST STORES				CHEST.					ICENTURES.					42
18		4					in legitim			No.		1517	1552 P.S.		<b>你們開</b>	SINE III				Lat: 49 07	ACO N
19			AND THE PROPERTY.								ECHI AILE	llacificati	Manufacture.			(25)(EVB)				m Lon: 192	C( W)
20			F 185 / 19										PA.		NE AUG		Top No.		(中)	Extra comments:	
21					74								0.							Will also have loops for (	hi vo
22								294												Sal x1, OxyLab x2,	/III AZ
23															Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the					and OxyT x2	
24										Tay in										and only in a	-

#### **Sampling Log**

	Cruise	ID:	2016-06		Station:					Event #	t:	46		Ship	o:	Tully		UTC Dat	te (dd mm	miyyyy): _	10 500	2016
			Rosette C		ation	Sampl Nut-F	es Tak	en / Sar	npler's	Initials		0			700	1 5		nments			e: VI X-Niskin	
			Target	Co	nfirmed	Nut-F	Sal	Chl	HPLC		UBC	Pav	v-16							(ROS) TR	M X-Niskin	other?
#	#	#	Pressure	٧	Pressure					g	gases									Watchkee	per(s): D	7
1	1_	254	2005	/	2005		х						х									
2	2	255	10	1	10						хх									Bottom De	pth: 341	m
3	3	256	5	/	5	х	х	хх	хх												o Cleaned:	
4																						
5																				Time	UTC	Local
6																				Start	10001	1701
7																				Bottom	0036	
8																				End	0114	
9																	Ĩ				***	*
10																				Positiona	Information	
11																				Lat:	19012.0	OO N
12																			Star	Lon: /	19 · 12 · (	98 w
13																	Î				•	
14																			E 0	Lat:	490 11 90 330 40	9 N
15																			Bot	Lon: /	33 · 40.	01 W
16																						
17																				Lat:	19011.0	77 N
18																			End	Lon: /	330 40.1	05 W
19																				,		
20																				Extra con	ments:	
21																				1		
22																						
23																						
24																						

**Sampling Log** 

	Cruise	ID:	2016-06		Station:		P15		20	Event	: #: <sub>:-</sub>	46		<b>.</b>	Ship:		Tully			nmm yyyy): 09   6   2016
Niskin #	Firing #		Rosette C	Co	ation	Sampl Nut-F	es Tak	n / Sar	npler's	Initials			Paw-16		STATE OF THE PARTY				Comments	Profile type:  ROS TRM X-Niskin other?  Watchkeeper(s):
1	1	254	2005	V	2005		х		=			1	х		1			***************************************	was a second of the second of	
2	2	255	10	1	10						xx								<b>对其他的是</b>	Bottom Depth: m 3
3	3	256	5	J	5	х	х	хх	хх						III III III III III III III III III II	ament-ma	INSPER TO BE	TOTAL PARTY HAVE	District of the month of the said	Transmisso Cleaned: Y / N
4									150000								理學			
5	×	8				700 000 000 000		TO SECURITION	C COLUMN ASSOCIATION		111111111111111111111111111111111111111	meanon	150405-010	THE STATE OF		120		SURF	一方 一、三四、三百四、川原安本、	Time UTC Local
6			经济的信息																	Start Coci
7						H 5 - 100	11-11-1-1	Table 181			a tools of	SUA G		DOMESTIC STREET		HUMSSHIE	10/25/23	Hirani.		Bottom Bottom
8																				End Cat 4 12
9									O DE MARKETO	CALID A	MERCHANIS	I females	(ASSESSED	a or						
10						1000				To the W				U.S.B.E						Positional Information
11	Santone Co	13850R0 3186	vsesminatis	9 029		N (DESCRIPTION OF	DESCRIPTION OF	Smilena	5860				five this		Hallet	BESKY				Lat: 49 1 00 N Lon: 133 1 34 98 W
12		THE ST				To the last											CONTRACT	DESIGNATION OF	<b>国民的活动,但由自己的基本企业的企业</b>	S CONTRACTOR OF THE CONTRACTOR
13	(installer)		Wite State of St	E 1 E 20	n kiliki 45 k	No.	Men Lin		22.76	1304	likuvi si			To a large			WAR.			Elat 49 0 1199 N
14											e e		3.300						*. ***	Lat: 49 11.99 N Lon: 133 4 40.01 W
15	S AND S AND S			A EEE			10.20	20 JUS			15602		Marie I			THE IN				
16						经常的						Ministra					o unar en	of School and School		Lat: 47
17			A RIBER			No.	XIII.					1480								Lat: 49 11, 97 N Lon: 133 4 4005 W
18				2151							E E LASSE	C INCHES		No. of Concession, Name of Street, or other party of the Concession, Name of Street, or other pa	GPI MESS	- Contracting	- SILE FACILITY	ST HEITONIA		
19		364.302			<b>EXECUTE</b>			Wind in						aporto:			1			Extra comments:
20				1002	经营制的开放器			HE 370/H	AL REISINGS	H MANAGES	A TORIS TORIS	3						1/2		
21	September 1			MAS			TANK.													
22	Relativesed	SHIELDS TO BE			1089420911			8 100 2			W 10-10-10-10-10-10-10-10-10-10-10-10-10-1									
23									A Links											(1)

#### **Sampling Log**

• 12	Cruise	ID:	2016-06		Station:		P16	2		<b>Event</b>	#:	+7		_	Ship:		Tully		UTC Date (dd/m	mm¦yy <del>y</del> y):	10 - 705	2016
Niskin #	Firing #	Sample #	Rosette O Target Pressure	Co		Samp Sal	es Take Nut-fr	en / Sar Fe filt	npler's Fe unfilt	Initials		100/14/20					AND HELD	9 a 11 ft	Comments	Profile ty ROS TI Watchke	RM X-Niskin	
1 x	1	257	50			х	х	x	х	7-3			W CHA	N. S. II. S. II.	H :		SOLIN PARKE	3-				
2		258	40	態				X	X											[559]		m
3		259	25					х	х				Today to an							Transmi	sso Cleaned:	Y / N
4		260	10					х	X						brinds & C						<b>《</b> 第 数	
5	34	u.				2				9.34				± ,,	5	-	Total Control	é	*	~Ŧ.ime		Local
6				醫															開射和影響器	Start	0555	
7						2														Bottom		23:08
8				Par				1600 · 201												End	0615	23:15
9																						
10	羅門			900																	al Information	
11																				Lat:	49 · 17.0	ol n
12																200				Lon:	34 • 40.0	3 w
13				-						1		) = C				-		1.24	. № Ж. — У			
14				曹																Lat:	Ã9 · 16.° 134 · 40	98 N
15										2						18				Lon:	134 . 40	. (( w
16																					$\mathbf{V}$	
17			Unit 1				-		10		,04								**	Lat:	49 . 17.0	O N
18				25%																Lon:	34 . 40.2	20 w
19							,												g .	telpale in		
20																				Extra co	omments:	
21										#4								A. C.		Go-flo 5	50	
22	BE STORY																					
23																						
24	100/0			de					Ball'													

# Water Properties Group Sampling Log

	Cruise		2016-06		Station:		P16		_	Event	#:	49		_	Ship:		Tully		UTC Date (dd/m	mm[yyyy):	CO JUN	2016
Niskin #	Firing #	Sample #		Co	nfirmed Pressure	Samp Sal	Nut-fr	e <b>n / Sar</b> Fe filt	Fe unfilt	Initials									Comments	Profile ty		other?
1		261	200			х	х	X	x									d	8			
2		262	150					x	x											Bottom I	Depth:	m
3		263	100	153				Х.	х								i i		4	1000	sso Cleaned:	-
4		264	75					X	x													
5	283			- Anna					445- 1	GEOGRA	SSICAL	A SASSILLA	UNIVERSE	- Laboritori	A DESCRIPTION OF THE PERSON OF		The second	A SECURE	,	Time	UTC	Local
7																Stantant.				Start	0750	00:50
8							1000				DE TO				Edite Series		UV 0 8			Bottom	08/0	01:10
9		ed Fourshill												Bon Jo						End	0830	01:30
10					ELECTIVE STATE			TO VERSON						OUSEV	RED					Position	al Information	
11									.ii								Lane and the		CIS-12-3/CAN PROMISING SANJANE			S N
12																				Lon:	49 · 17.03	N W
13							- Same			III I Walant I I I A											<b>V</b>	
14														開門						Lat:	0	N
15	(Rayle)		120 1 2 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1	950	SET DUE	1331000		(Carrier of the		Mill out III	August fina		ly Sum	DOM: NO.			DOCUMENTS.	AD CO 1000		Lon:	O	w
16 17									*						Barrie II							
18					(EX. 500 L)				5 14	ALEE STATE					Contraction of the last of the	HERMAN	JEM rani	3500		Lat:	19.170	5 <b>n</b> 3 w
19	The Later				AND DESTRUCTION OF			VIEW CO.			ionds:									ய் Lon:	34 · 40.0	3 w
20						No.				TOWN TO						550760		Plan		Evans as		
21							11	H60				alea, Milk				NO PER COL	ENERGY.			Extra col		# 14
22																TO THE REAL PROPERTY.	7 - 2010			30-110 20		
23																		S I I I I I I I I I I I I I I I I I I I				
24				8										weight of n								

## **Sampling Log**

	Cruise	ID:	2016-06	Į.	Station:		P16			Event	#:	50		-:	Ship:		Tully		UTC Date (dd mr	mm yyyy): 10   6   16
Niskin #	Firing #	Sample #	Rosette C Target Pressure	Co	nfirmed Pressure	Sampl 170	ONAr	Oxy	npler's 180 inc	Initials NO3 inc	NH4 inc	CHL	Nut-Fr	NH4	Sal	Phyto	UVic	C14	Comments	Profile type:  ROS TRM X-Niskin other?  Watchkeeper(s):
1vy	I	265	O2 max		ZF 250	xx	х	xx				9.3			* <b>X</b> 1				1 .	
2		266	-5m	1	0,	xx	xx	хх		×						xxx				Bottom Depth: 3635 m
3	7%		62 MAY		24			ėl							17		2			Transmisso Cleaned: Y / N
4		267	250	V													х			
- 5		268	150	V			580										x			Time UTC Local
6		269	50	1													x			Start 0838 0138
7		270	20														x		Survey and the survey of the s	Bottom 08 43
8		271	10	V													×			End 09°Z
9		272	5	IV.							-						х	100000000000000000000000000000000000000		
10																				Positional Information
11																				Lat: 49 • 17 • 03 N
12				No.	Sheraful and															Lat: 49 ° 17 · 09 N Lon: 134 ° 39 · 94 W
13						100000000000000000000000000000000000000	-	CONTRACTOR OF	BERNESS III		OVER HEID	. Interest land	4 4 12 12	HEND STORY	0.00	330 0000	SON-ISON			
14			5	133																Lat: 49 ° 17 . 03 N Lon: 134 ° 39 . 93 W
15	TO AND ADDRESS OF	Name and Park and State				in days and	-			COLUMN TANKS	Total Sections	All Seconds	Date Colonia	A DECEMBER OF			HEROMSON	-		m Lon: 134 ° 39 , 93 w
16																200			以目的所以 上海 医鼠虫	12 12 12 12 12 12 12 12 12 12 12 12 12 1
17		273	100%		Ó	STUDENCE	AND DESIGNATION OF	xx	xxx	xxxxx		X	х	A STUDENT TO	Direction of	Section 1		- Society	The second second	Lat: 49 • 17 .01 N
18	THE REAL PROPERTY.	274	100%	V	0						xxxxx			XX	W. Care				<b>E</b>	Lon: 134 • 39.96 w
19	201000000000000000000000000000000000000	275	55%	V	18	CANAL PROPERTY.	XX	xx	xxx	X	X	X	X	XX	X	E Color	To Markey	ENCLUSIVE VICTOR		
20		276	30%	1	112			xx	XXX	x	x	×.	x	XXXX	X					Extra comments: out-of-order!
21		277	15%	1	18	2 2 2 3 3 3 3		xx	xxx	x	X	X	x	xx	x	I I I SELLEN	MATERIAL CO.	MANAGE .		Amanda, Theresa, Robert
22		278	1%	V,	45			XX	xxx	×	X	x	x	xx	X		MS sand	PROFE		4, 5, 6, 22, 3, 7, 21, 20
23		279	55%		B		TOWN LOTTE		a Marine								THE PROPERTY AND ADDRESS OF THE PARTY AND ADDR	X		8,19, 23, 2, 9, 17,18
24								A DOLL												SEE .

# **Sampling Log**

	Cruise	e ID:	2016-06		Station:		P16		_	Even	t #:	5	2		Ship	:	Tully		LITC Data (dd	Í ==== ====				
Niskir	Firing	Sample	Rosette (	Ope	ration onfirmed	Samp	les Tak	en / Sai	mpler's	Initials			A BARRIS	V (5)	the many	SHESSES.	anesca a		UTC Date (dd	TITLITY	Profile type:	702	2010	6
#	#	#	Pressure	1	Pressure	Sai	Nut-fr	Fe filt	Fe unfilt	Nut-C			2								POS TOM	V Niekin	other?	
1:		200		Ŧ				1 111	Lumin			+									Watchkeeper	(s):		1
2		280	800	N East		X	X	X	X	X	ALUE SUF													
3	i de la	281	600					ХX	ХX	<b>国</b>											Bottom Dept	h:	7.1 m	٦
CARE TO	SECTION	282	400	103	福祉組織を開		100 hose	X	х	SERVICE III	HOUSE ST.										Transmisso (		Y / N	- 11
<b>4</b> 5	Elestric	283	300	100				X	X													Touriou:		画
6	19150	MIRELEGIS	WWE SHO		15 - 24 (0724) (C. 91)	ELECTRIC AND	101102152	E AND E			Total Control			(4.)							Time	UTC	Local	
7	DESIMATELY	0.6550,7550		100		自然	1880,700														Start	0950		1
8			各种类型型			<b>東京中央</b>	The latest to th	ED BASSING	SANON		HOSTON		Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, w								Bottom	9027	03.27	1
9	SHUBAN,	Manual Architectures		SH																	End	11 30	04:30	1
10		200		570	Tale Sec.	(S=142)20	8H1884							None and a second										
11	DISTRUZI	OR STATE OF THE PARTY OF THE PA				NEED BY					Se total										Positional Inf	ormation		Tion I
12		<b>展内装设</b>						physiolo.	John Williams	30.000000	in since									1	Lat: 4-9	0 170	2 N	1
13			EVENTS OF WHITE		END BEST	Sel 118			THE SE											Star	Lat: 49 Lon: 134	• 40.00	4 w	100
14	19		THE WALL	50					Of parisher	0-13 (F.2)		Find 94180	A RESPONSED BY		250 0000					15552			1 3 S. 15	
15	A Bridge Co.		Constitution of the Consti			North Inc.	A STATE OF				Mark 1									to m	Lat: 49 Lon: 134	0 17.03	N	The same
16		TO BE WELL		SP			SATA I	(4 <u>15</u> 7.2.1	RAPAUS I		HA SE		A 61 P 2014		O=surgings.	Marin W	(IDSGLESS)			Bot	Lon: 134	0 39.99	7 W	Sorte P
17	THE PROPERTY OF		ANGUM MERCER RES			SET PORTER				是唯													TO MAKE IT	
18			<b>建</b> 原数		性例 制造 社			SE 150 2	29730 (100 kg)				SHEET HE	District Section		500 A 100					Lat: 49 Lon: 134	0 16.94	N	183
19					<b>建筑地址</b>		GINES ESTA		N. S.		Wind A		<b>建</b> 物合	100						Enc	Lon: 134	• 40.02	w	SHARKS
20				100					-Central	Market I	<b>BILLIA</b>	1089177		niwiez-	N S ATS II	NAME OF THE OWNER, OWNE	40.000			100				
21			TRANSPORTED TO	NOSCI U																	Extra commer	nts:		でいる
22					NE SERVICE DE LA COMPANION DE				E ANOTHER B		United the last					On the second	Name and	NOSE CONTRACTOR			Go-flo 800			STATE OF THE PARTY OF
23				-		Burnell E						81 1150	in the said	is this in										Sales of the sales
24				10 7	PART OF		XE/APP					ALONG TOO	1480. EQ14		F. 655. 74	a gelytatu i								OF STREET
	/ersion: 25	Nov 2011		T	Fonomieses	44-					HE RES													No.

## **Sampling Log**

	Cruise	ID:	2016-06	Station:		P16	5,		Event	#:	53		_	Ship:		Tully	UTC Date (ddim	mm yyyy): <sup></sup>	6	16
Niskin	Firing	Sample	Rosette O	peration Confirmed	OXY		n / San Nut-F		Initials DIC	pН			Gases	SAGs	DNA	Paw16	Comments	Profile type:	-Niskin	other?
#	#	#	Pressure	√ Pressure			No		ROKU	GL			55/22	J3	ALL	184	- 1 1 EA	Watchkeeper(s)		
. 1		284	Bot-10_	V 3686 -	х		х	х	X	х			хх	х	х	х				
2		285	3500		х	хх	хx	хx	хх	x	70%							Bottom Depth:	3636	m
3		286	3500		хх	х	х	x	x	х			-			x		Transmisso Cle	eaned:	(Y) / N
4		287	3000		x	хx	х	х	x	x			хx	x	x	x				
5	3)	288	2500	V 2500	х	х	x	х	х	xxx					9	x		Time ·	UTC	Local
6		289	2000	1 2001	х	хx	x	x	x	х			xx	х	x	x		Start	153	0458
7		290	1500	$ \sqrt{ }$	х	х	х	х	x	x			хx	х	х	x		The state of the s		0607
8		291	1250		х	хx	x	x	x	х			хx	х	x	x		End	1431	
9		292	1000		х	хх	х	х	x	х			хx	х	х	x	12			
10		293	800		хx		x	x	x	x			хx	x	x	x		Positional Infor		
11		294	600	1	х		х	x	х	x			хx	х	х	x		Eat: 40 0		18 N
12		295	400		х		х	x	x	x			xx	×	x	x		6 Lon: 134 .	40.	ao w
13		296	300	$\vee$	х		Х		X	X			хх	х	х	х			V	
14		297	250		x		x		x	xxx						x		E Lat: 40 .		15 N
15		298	200		х	Cellusion	X		X	х			хx	х	x	×	12	# Lon: 134 .	39.	97 w
16		299	175		xx		x		x	×						x			Velle	
17	THE PARTY NAMED IN	300	150	$\vee$	х	orac en or	х	NO. 120 (100 min)	X	х			хx	×	x	х	12	Lat: 49 •	10.1	
18		301	125		х		хx		x	x	Ang.					x		Lon: 134 •	39.5	, w
19		302	100	<b>V</b>	x		х		х	x			хх	x	х	x		后。 <b>"</b> "等见话是还是		
20		303	75	1	x	CHARLE	х		X	x						x		Extra comment	ts:	
21		304	50	<b>/</b>	х		X	E 1 10000	Х	х	- Charles	Total Seattle	хх	х	X	X		Deep cast		
22		305	25		хx		X	Traine.	x	х			хx	х	X	X		Will also have l	loops for S	Sal x1,
23		306	10	<b>1</b>	х		х	The state of the state of	х	х			хх	х	x	x		OxyLab x2 and	OxyT x2	
24	1 11/11/21	307	5		x	x	x		x	x						x				

### **Sampling Log**

	Cruise	ID:	2016-06	8	Station:		P16		i i	Event	#:	54		_	Ship:		Tully		UTC Date (dd/m	ımm∣yyy	y): <u>‡0</u>	6	16
Niskin #	Firing #	Sample #	Rosette O Target Pressure	Со		Samp DMS	les Tak DMSP	en / Sar DMSP d	npler's Nut-Fr	Chl	HPLC	Phyto					9/8/90		Comments	ROS		X-Niskin s):	
1		308	300	/		×			×														
2		309	200	1		x	x	x	х	280 E										Botte	m Depth	: 363	6_m
3		310	175	1		X	х	х	х		W.								***	1309	smisso C		(Y)/ N
4		311	100	1		x	×	х	x	x													
5		312	75	$\sqrt{}$		х			х	- x										Time		UTC	Local
6		313	60	V,					x	xx	хx								Fluo	Start		1537	0837
7		314	50	1		х			х	ХX	хх	Historica and	NO. 1 S. 2 T						Fluo	Botte	om	1543	
8		315	40	1		х			x	хх	хх							THE REAL PROPERTY.	Fluo	End		1600	
9		316	30	V		X	Willes St. Colo		x	хх	ХХ			Destination (	UEWSIO	Here Williams	EAST BUILD	(20m) (20m)	Fluo				
10		317	25	V		Х			X	Х			SAR							Posi	tional Info	ormation	3.0
11	N N N	318	20	V		ХX	ХX	ХX	X	X		Name and the second	0013 0010		itesto s	SERVICE				Lat:	41	. 16.	9 N
12		319	15	1		X			X	XX	XX		THE ST			ATT OF			Fluo 1,4	တ် Lon:	134	• 39 .	92 w
13		320	10	V		X	DE LO		XX	X	UFA 3971				LEWIS		SHARIN		Land of the second seco	E	19	• 16 .	99
14		321	5	V		X	Х	X	X	XX	XX					tine Say			Fluo			• 39	0
15		322	0		ears er.	X	X	X	X	X				IA SERIII		Television of		USE TO		Lon:			93 w
16			THE COURSE OF	13175					- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	(I) (E) (E)					1153	311-31				Lati	Δa	• 16 .	99 N
17				150			The S					1			翻題	7 (28 12 1) In Let 12				E Lat.	134	•. 39 .	92 w
18 19	DESCRIPTION OF THE PARTY OF THE			CENT	SE 50 11 80		BURGORN			12000 1100	Bella	Jens Fra		CEDESCO !	0184,85	THE PERSON	Mary Control	(INTERNAL)	DESCRIPTION OF THE SECURIOR	E COIT.			
20						THE REAL PROPERTY.	line"	Ten I											AVENUE DE POST	Extr	a comme	nts:	
21		2.05		550	ME TOSTED WE	ROHEST ID						Page Historia								1950	cast		
22	191800																			E 2550		e loops for	Chl x2
23		Er, See Miles																				(*	
24		第26周		100		A TOP OF																	

### **Sampling Log**

	Cruise	ID:	2016-06	_	Station:		P17		-:	Event	#:	58		Ship:	Tully	UTC Date (	dd mmm yyyy): 10 JUN 2016
			Rosette C	per	ation	Sampl	les Tak	en / Sar	mpler's	Initials						Comments	Profile type:
Niskin	Firing	Sample	Target	Co	nfirmed	Nut-F	Sal	Chl	HPLC		UBC	Pa	w-16	NH4			ROS TRM X-Niskin other?
#	#	#	Pressure	V	Pressure						gases			Bulk			Watchkeeper(s):
1	1	323	2005	1	2005		х						x	*			
2	2	324	10	1	10						хх						Bottom Depth: 3648 m
3	3	325	5	-	5	х	х	хх	хх								Transmisso Cleaned: 🕜 / N
4																	
5																	Time UTC Local
6																	Start 2101 1401
7																	Bottom 2138
8																	End 22.13
9																	
10																	Positional Information
11			ļ														Lat: 49 ° 21 04 N Lon: 135 ° 40.08 W
12																	Lon: /35 · 4 · · · 08 w
13																	<b>V</b>
14																	Lat: 49 · 21. 03 N Lon: 135 · 39. 97 W
15				-				1			-						Lon: 135 · 39.97 w
16																	<b>V</b>
17								1	ļ								Lat: 49 ° 21 01 N Lon: 135 ° 40.03 W
18								ļ									Lon: 135 • 40.03 w
19			-														
20																	Extra comments:
21				-													
22																	
23				$\vdash$													
24																	

**Sampling Log** 

	Cruise	ID:	2016-06	_	Station:							58	2	_	Ship:		Tully		UTC Date (dd mi	mm yyyy): <u>/0</u>   <u>6</u> ]	2016
Niskin #	Firing #	Sample #	Target	Co	ration onfirmed Pressure	Samp Nut-F	l <b>es Tak</b> Sal	en / Sar Chl	mpler's HPLC	Initials	UBC gases		Paw-16	3 3 1	NHY				Comments	Profile type:  ROS TRM X-Niskin of  Watchkeeper(s):	ner2
1	<sup>½</sup> 1 <sup>=</sup>	323	2005	W	2005		х						х		*						
2	2	324	10	J	10		排泄				хx				3300					Bottom Depth:	m
3	3	325	5	V	15	х	х	хх	хх				3						п /8 2	Transmisso Cleaned:	Y/N
4																			用類的機能是個體學家		
5	NASTE OF		Darenta de la como de	u Editi		SUBJECT.			8H82H30	distant	WINDS DAY			A SECURIT SING	A TOTAL OF THE SAME	Home Iza	100000000000000000000000000000000000000			Time UTC	Local .
6			here is a						编版		<b>医器型组</b>									Start 201	
7			olitic Marine (C		Second 2	Lottowy		CO TOTAL	DHAME IN ST	(Physical		I NOVE TO SERVE			ALL BANK					Bottom 2/0/	
8								地區開	SALE OF				100							End 22/13	
10	1122									legisir.						18.5000	PAGE 1				
11	NOT THE OWNER OF THE OWNER, THE O			100		LOT SHE				is in this			SIGHE				FR.			Positional Information	
12				100				Real Park	g we la			America	The die	principle.	Diffe.		06.00%	(C) 20			N
13	Maria Caraca Car		gentle sprope filocole le fil		A LANCAS HOPE SANS	in Deubes,	- Mileson	NAME OF THE OWNERS OF THE OWNE	III PARTICINATI	E ENCAL	Stantanton		NAME OF STREET	Iregnettip	THE REAL PROPERTY.				是是1945年1月1日 1945年1月1日 1945年1月 1945年11月 1945年11月 1945年11月 1945年11月 1945年11月 1945年11年1月 1945年11年1月 1945年11年1月 1945年11年1月 1945年11年1月 1945年11年1月 1945年11月 1945年11月 19	Lon: 135 40.08	w
14				1				<b>医</b>				胸門		SHAN					<b>生态自然企业的基础</b>	E Lat: 49 2/04	N
15							3)								A CONTRACTOR	manuscript and	HENDRICHE	Lange Extrice	V.	Lon: 135 39.97	w
16					<b>新疆</b>															<b>V</b> • • • • • • • • • • • • • • • • • • •	
17																			17	Lat: 49 21.01	N
18																				Lon:(35 40.03	w
19	TO MINOS OF	plante money in	al outcome		Constitution of the Consti	Separation 200	da compresso		personal acco			OR OTHER DESIGNATION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON A	is the second	THE REAL PROPERTY.							
20									Mark.											Extra comments:	
21	GHILL CHARLES		HENNE MINISTER	1000	TO THE STATE OF TH	ATHERE IN SEC.			M STORE STORE			(Farthern Lab	Fill Comment			The same is not a	School Groon				
22	44166		Carl Carl	To the		AUT THE	100		R.O.							Red digit					
23							XII) We	Marity Ja			457.07	Passal III		2230	NAME OF STREET		PAGE 1				
24	Later 1			1930		PER PER PE							HE WINE			THE PARTY					100

### **Sampling Log**

	Cruise	D:	2016-06	2	Station:		P18		26	Event	#:	59	3	Ship:	Tully	UTC Date (d	dd mmm yy	/yy): <u>11</u>	702	2016
		Sample	Rosette O	Co	nfirmed	Sampl Nut-F	es Take Sal	en / Sar Chl	mpler's HPLC	Initials	UBC		Paw-16	047		Comments	RC	file type:	X-Niskin	other?
#	#	#	Pressure	1	Pressure						gases						Wa	tchkeepe	r(s): DA	7
1	1	326	2005	1	2006		х						x							
2	2	327	10	~	11						хх						Bot	tom Dept	h: <u>383</u>	<u> </u>
3	3	328	5	U	5	х	×	хх	хх					XX			Tra	nsmisso	Cleaned:	(Y) / N
4																				
5																	Tin	1e	UTC	Local
6																	Sta	rt	0233	1933
7																	Bot	ttom	0308	
8																	End	d	0344	
9																				
10																	Pos	sitional In	formation	
11																	Lat ب	: 4	9026.00	n N
12																	Star	1: /30	9.26,00	N W
13																				
14																	E Lat	: 40	3 · 26,0	4 N
15																	BO Loi	n: 130	6 0 40 1	4 N
16																			•	
17																	Lat	: 40	0 26.0	ot N
18																	E Loi	n: 136	• 40.0	6 w
19																				
20																	Ext	tra comm	ents:	
21																				
22																				
23																				
24																				

treated treated of the

### **Sampling Log**

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	Cruise	ID:	2016-06		Station:		P18			<b>Event</b>	#:	57		<b>-</b> 8	Ship:		Tully		UTC Date (dd/mr	nm[yyyy):1	
		Sample	Rosette C	Oper		Samp Nut-F	les Tak	en / Sai Chl	mpler's HPLC	Initials	UBC gases		Paw-16	流型研	Deber OXY		Se.		Comments	Profile type:  ROS TRM X Niskin  Watchkeeps (s)	other?
	#						x						×								
1	1	326	2005		2006	dell'e			BEE ST		xx									Bottom Depth	m
2	2	327 328	10 5		5	X	X	xx	хх	COMPANIE OF THE					XX		-		E 10	Transmisso Cleaned:	Y / N
3	3	328							<b>MAN</b>								AT THE				
5	31 75 2		A THE PARTY OF THE	HE WILL			at participation			100000000000000000000000000000000000000										Time UTC	Local
6																				Start	or
7																	el Ferrandii(H)	10000011000		Bottom	0.76
8								HALL												End	103
9							- Contraction of	# F-01 10 10 10 10 10 10 10 10 10 10 10 10 1	ESSHIPS SH			d (Saira Pers	Name of the				12000000				
10																A CENTER	Alfall			Positional Information	492N
11	anni anni anni	S 10.24 (153)		101110		M HIGH TOOK					ALC: NO	1000.0						THE RE		Lat:	L 75w
12											A MASSES					1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			COST IN HUMAN STREET, AND THE STREET,	A PARTY	
13	LINE SERVICE	心及特色的	E COURT SING	20								S SANSON		Paris				景場		E Lat:	491
14		ASSER	EDITOR DE LA COMPA		0.000		I BEAU								ST STORY STREET		LINE CONTRACTOR IN		-47	Lon:	136 W
15	養養			用器			0 043												MARKET STATE	Y	
17		Kalalagalas	12539E459	20 CE										-						Lat:	49 N
18		723							17E 70											Lon:	156 w
19	CHISHOVER	(COMMUNICACIO																	TO PROPERTY AND INCIDENCE OF SECURITION OF S	1 4 - V 2 -	
20							U.S.											1		Extra comments:	5. 3.
21													200								
22														12.5							
23												La ma source		72 345 650		No. of Concession,		M - HO - 5			
24	N THE SECOND	ALTERNATION OF THE PARTY OF THE		SHE	· 生物以外分口			AL PRINCE					717		No.					200	

#### **Sampling Log**

	Cruise	ID:	2016-06		Station:	+1	P19			<b>Event</b>	#:	64	-		Ship:		Tully		UTC Date (dd m	nm[yyyy): <u> </u>	
			Rosette O				les Take	n / Sar	npler's	Initials		S. 15 6 50				WIE KO			Comments	Profile type:	AL BLOOM
Niskin	Firing		Target	Co	nfirmed	Nut-F	Sal	Chl	HPLC	701	UBC		Paw-16						6	ROS TRM X-N	liskin other?
#	#	#	Pressure	1	Pressure					V 190	gases	)				<u> </u>	Sittem		7.	Watchkeeper(s):	H ME
1	1"	329	2005	V			х			1 I			х	5,000			=	Á	to a file of Leading		
2	2	330	10	V		12.004	機制			WING THE	xx				70					Bottom Depth:	39 2 5 m
3	3	331	5	/	SETTE OF THE OWNER.	х	x	хх	хх	Tall VV			January Alexander	ð	The second second second		2 4 2	neofe	F	Transmisso Clea	ned: Y/N
The state of the	2000	331			SHEW !																
4		Shall bearing the		(BEAU)		Services.	Corner Shilling	E REPORT	Anathorizatie lat	100000000					LOCATION DE				41	Time	UTC Local
5	S. H. D. A.S.	性性學是	司名原则			1000					S 10 7 10 5									Start	815 0115
6	VIII STUBBLE	40 1 1 2 2		1000	SHUTTER	One Count		080555900	THE PERSON NAMED IN	SHIP REPLIES	DE RESIDENCE DE	10.57	Marsonilli	110035-0		1199/0355			9	Control of the Contro	847
7					San Maria			Series.													920
8	State of the least	1901 (1915)		(ISSE	金属	1000000	\$300KH45K			il a ni salili	DATE: STREET	11111221	100000000000000000000000000000000000000						STATE OF THE STATE		
9	CARL LOSS			1831		W. 172	1500	ST IN		JAN HA		The second				all sally	TU SOL			Positional Inform	nation
10	TO THE PARTY	British at				PERSONAL PROPERTY.		E115-01			SECTION S	60,000,00	Reserva	HE CHALL	C-Sea Ment					Lat: 49 .	29 192 N
11	/District		<b>表起连接</b>				35,23			S. 35 %				20 23	Asset	3 1 5 TA				Lat: 49 °	39 , 92 w
12		最高級而得						1200								STORY OF			BROKENS HAVE ON SHORESTORE		Value
13	S SHEED OF				07/2=20/E=30	1 18/18/1	19/100	Self-ity	STATISTICS.	1000		SERV	Market St.		E3366			History.		E Lat. 49 6	29 . 98 N
14			(A) 50 (D) 10						assisting in		BEET STATES	e Heronia		No.	(WILLIAM)					Lat: 49 6 Lon: 137 6	39.95 w
15		15 C	New York	900	· · · · · · · · · · · · · · · · · · ·		THE SECTION	6 m are	OUNTE SE							THE SECTION		TERM		Lon.	
16		海影響				自即思						E DESIGN			The state of	HI A O SEE	CHEST	EEEECON		Lat. 49 °	29.99 N
17			A LESSON		BETT TO SE	131321		20025		A SECTION	118.03			TO SERVICE	Messal.					Lat: 49 •	40.00 w
18		<b>建设是当</b>						1000	THE REAL PROPERTY.	STATE OF THE PARTY OF					15 HELE					E Comment of the Comm	<b>西</b> 拉斯·马克里德
19		(March of Park)		II SHE				\$40 ma		1000000	\$250000				/ 19 senial	(A) (0) (A)	The same	n also the fi		Extra comments	ESPONENTIA MOSSIERA (III)
20	THE REAL PROPERTY.					P CHEST							The same			1 1/12				Extra comments	•
21		Table to the three	STREET,				10,000									PHILIP SEE		279/8	grand and a constitution		- 4
22						1800				0.016	era la	eler	NAME OF THE PARTY	49, 157	Design of the last	min bred	1117			-	
23			пина извертни	0.00	E PERMIT	A ROSSINGUESIA		Part and	a motion in	dilli laterali	Reich E	-40		(Anthrol						District Control of the Control of t	
24					1	H H			22 00 H	a straight				0.0			de North				

**Sampling Log** 

١	Nat	er Pro	operti	es	Gro	up		S	an	plir	ıg	Lo	1					cean			,, ••	UTC Date (dd	ımm yyyy):
	Cruise		2016-06		Station	1:	P2					#:	. O	UP (LEPHE)		SI	AL IN		W-70-14		Control of the last	omments	Profile type:  ROS TRM X-Niskin other?
			Rosette	Oper	ration		ples	Taken	/ Sam	pler's In 80 incN	itials 03 ind	NH4 ii	nd CHL	Nut	t-Fr NH	14	Sal	Phyto			4	ON IST	Watchkeeper(s): 14.
kin	Firing	Sample #	Target Pressure		nfirmed Pressu		)   01	NAT	JXy I	oo iiiq	3.11	76		4		+		31823	- SERVE	2   1892 -   1		700年 1 1900年 "	
* ! 	"			1./	32	××			xx				- 0	SE SEE	Herman Street		X						Bottom Depth: 39 66 m
1	Ole Barrier	332	O2 max		0	XX	30 E	xx	хх		X	100						XXX	E HERESA	(9) 163EE	1557 C		Transmisso Cleaned: Y
2	5276	333	Sm	SS1 26									riNe:	1000		100 E		1982		四 阻			
3			250	1										開層		6341	Chillie	A RESIL	×	N. W. P.			Time UTC Local
4		334	150	_									LULU UNIVER			5710	With the		×	303			Start
5		336	50	V													'area		×				Dottom
6	THE WAY STATE	337	20	V					All hear sales of		turing the	1 300				IN STATE			×	<b>医</b>			End 1432
7		338	10	N	1					7 10 10 10									×				
8		339	5								PERMI				era value			前廳					Positional Information  Lat: 49 • 34 • ∞
9													1000	9-11-12-11		(SCHEIN N.)	The state of the s						Lat: 47 5 14 Lon: 138 • 40 . 14
10 11	0304832								20100	4 (10)	TO BE								學				w Lon:
12						影響性										ENHANCE OF						The second secon	5 Lat: 49 · 34 · 03
13						eromone GO	10 10 10		SHIP		FOR	EN SIN					- ME						Lon: 138 • 40 · 16.
14											7648	ing a sale	E OF THE PARTY.	SUDJENNING				4 4 -1	55.1		- HARROW	VI	an Louis
15			William.						JAN ST	ST SWEET												THE PROPERTY OF THE	Lat: 49 · 34.07
16										1000	XXX	·vv	B.	x	х			1	Carl.	28, FG	No.		Lon: 138 . 40.17
17		340	100	%	- 0	STREET, STREET		URESH	XX	XXX	1	ALC: UN	xxxx			ХХ			100				
18		341			C		No.	SALE OF	XX	xxx	,	(	х	Х	х	XX		x	Design of	Harry Co.	ALC: U		Extra comments: out-of-order
19		342	ARAD ALLEYS	19/75324	The second secon	3	MINER.	XX	XX		E 600	x	x	Х	х	)XXXX		x			0/45	tertification in the	Amanda, Theresa, Robert 4,5,22,6,1,21,7, 8,19,23,9,17,18,2
20		343			CERTAIN STAFFER	AND CHANGE OF			X			x	x	X	х	ХХ	CON LINE	×		NEW Y	B. 783.		4,5,22,6,1,21,7,
21	activities (Assert	344	OFFICE OF THE PARTY OF THE PART		-	59		GELVANIE I	X		TO THE	×	x	x	x	XX	10	X			Contract of the Contract of th	Mark State Action Resident	8,19,239,17.18,2
22		345			DESCRIPTION OF THE PARTY OF THE	9									e common	(Inc. of the		Windstein III			X		
23	entry sections	346	5 55	5%					10 Page	ofore each			TE LO								Service Control	http://www	.pac.dfo-mpo.gc.ca/sci/osap/projects/waterproperti

### **Sampling Log**

	Cruise	ID:	2016-06		Station:		P20			Event a	#: <u></u>	65		-:-	Ship:		Tully		UTC Date (dd/mr	nm yyyy): 11   58  20/5
	3, 4100		Rosette C	U-			les Take	n / San						2011			通新风		Comments	Profile type:
Niskin	Firing	Sample	Target	Co	nfirmed	Sal	Nut-fr	- Fe	Fe	200001000000	THE SHARE					3				ROS TRM X-Niskin other?
#	#	#	Pressure	1	Pressure			filt	unfilt								2.		- 1 - E	Watchkeeper(s):
4		347	50		4	×	x	×	x					e a'		1			1 1 1 1 1 1 1 1	<b>计算不能以及数据数据</b>
2	N 124 SEE	348	40					xx	xx		Basa									Bottom Depth: m
		349	25	100	2 111 11		III HIGH	X	x	11	Herendal Base				CALIFORNIA PROPERTY					Transmisso Cleaned: Y / N
3	Ballon.	500 HE STEP 100	10		ALL AND SO	SHEET,		×	x											
4		350	TO THE	1000	SHEW PER		Prense	^	^		n-			S. B. S.					1	Time UTC Local
5	Respons	Proposition of		189	Remarks.			2 (5)(0)			1			EV.	W. Sile					Start 15; 20 08:20
6				100	THE PROPERTY OF	20020H	Emmonie I	Accilion	- SERVICE	HERON-DH	IIANOIIS47	DEN CHOUSE IS	institution.	Dec mon		A STATE OF THE STA				Bottom 15:30 08:30
7		Maria Carlo		100	A PARTY I	THE ST			AND SUPPLY			The same					CARREL TO A			End 15.38 08:38
8	度面質			11/20									A COST STAN	111111111111111111111111111111111111111	CONTRACTOR OF THE PARTY OF THE	muzzani.	WELL-SALLS	Market Section	BIRTHE TO SEE STREET HOLD IN THE PERSON OF T	
9	1300	menda i s			Maria Land									2000					国际产生的 计整件	Positional Information
10	THE AND S			100		On the	N IN ISOLUTION			September 13	HIND SEE		100000000000000000000000000000000000000	HORIZON I	THE REAL PROPERTY.	OHIDSENS				
11	ne spoki				Beller B	10000							Jan 1			Taken I	Neive			Lat: 49 • 34 04 N Lon: 138 • 39,98 W
12	NEW FIRE								Distriction.		THE PER	in in initing	(100 persons	21/2 11/11/21/21	принацию	A REPORTED IN	Hammon		TENTO IN A PROPERTY OF	V
13	20.0		DEVELOPMENT	38		· Visionation		De la	50.30		10.00				2016		1000	A JOSEPH	Balling Maria	E Lat: ° N
14		HINT PE			Shausanata	and the same						E CHARGE	SESSIE	are more	ATEXA REST	Jessins		01 100		Lat: ° N Lon: w
15		March edit				Verte		28/11/05	1 St. 180	DE PART	JENE							198	No. of the last of	V. Parker
16	E Hoy								Palentale					0.251002	7.	politions:			musessemble rugstantingssesse	Lat: 49 • 34-05 N
17				001		el Folkille		980070		510	ostilia la	1 640 340		202	LEW BE		· 公本部出			Lat: 49 • 3405 N Lon: 138 • 39.95 W
18		HE WE		n at		i Billion			No.			E PORTS				Total Control	1025015			
19		DREESHALLS		UI III	e Bulles of Series	N 15012403			A Lond Lotte		W GIAN									Extra comments:
20			en granamus.											and their			100000			Go-fio 50
21	THE STREET					1 5 OL 2013				- 20.40	ALC: SELECT			A STANKS			Jero, eri			G0-110 30
22						No.								B. D.		126	127	- 17 ALL AND	Application of a Landstead Control of the	
23						THE RESERVE	III INSSERIE							May Was	THE SHALL					
24		No. of Street, or other Persons.		34 78				32 E	5 5 14 2					has he						(20)

### **Sampling Log**

	Cruise	ID:	2016-06	-	Station:				2	Event	#:	67			Ship:	 Tully		UTC Date (ddjm	mm)	уууу): 🞹	06	2016
Niskin #	Firing #		Rosette O Target Pressure	Co	nfirmed Pressure	Sal	Nut-fr	en / Sar Fe filt	re unfilt	Initials	DENNIR							Comments	F	Profile type: ROS TRM Vatchkeeper	X-Niskin	other?
1		351	200			×	x	х	×												AT THE REAL PROPERTY.	2000年前里
2		352	150	100				x	x								(Colm)	Mark Dec Kons		Bottom Depth	ALC MAN CONTRACT OF	m
3		353	100					х	x					- 17					200	ransmisso C		
4		354	75					×	x											141131111330	realieu.	
5					2).									III JANUARI PAR				日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本		ime	UTC	Local
6																			16552	Start	17:25	10:25
7																			HELD	Bottom	17.40	10:40
8																			10000	ind	17.52	10:40 10:52
9																			300			
10																CT (		<b>以外间间,将</b> 有	F	Positional Inf	ormation	
11																				at: 49	. 34 02	Z N
12	Hele III							767										得	Star	at: 49	. 39.95	) w
13																				- COMPANY	V	
14													100						E	at: 49. on: 138	. 34.01	N
15																	-		Bott	on: 138	. 40.03	w
16																		是是 的 医多类性 医皮肤			V	
17			Security of an a																L	at: 49	. 33.99	N
18																			End	at: 49	. 39.96	s w
19																						
20										genia.			網層						E	xtra comme	nts:	
21	SALIES I	IT STILL LOWER	HINGS SHOWN	1004	THE REPORT OF THE PARTY OF THE	NIVERS OF												#1 m	G	io-flo <mark>200</mark>	120	1 ~44
22										550										75m. 50 leater luner b	a guid que	ballo
23			111 ( 1.10) ( 1.10)					410												leath	g wadly	TUN
24	Leathing .			(5)																huver t	iou-vol	ve.

### **Sampling Log**

	Cruise	ID:	2016-06		Station:		P20			Event	#:	68			Ship:		Tully		UTC Date (dd m	mm	уууу):	9	2016
			Rosette O	pei	ration	Sampl	es Take	en / San	npler's l	nitials					W 10				Comments		Profile type:		
Niskin	Firing	Sample	Target	Co	onfirmed	OXY			Nut-C		pH ·			Gases	SAGs	DNA	P	aw16			ROS) TRM		other?
#	#	#	Pressure	1	Pressure															V	Vatchkeeper(	s): H.M	
1		355	Bot-10	J	4025	x		х	x	x	х	14		xx	х	х		x					
2		356	3500	V	230	х	хх	xx	хx	хх	×									E	Bottom Depth	: 3.963	m
3		357	3500	J	3500	хх	х	х	х	х	х			14				x		T T	ransmisso C	leaned:	YIN
4		358	3000	V	3000	X	хx	х	x	x	×			хx	x	x		x					
5		359	2500	V	12499	х	х	х	x	х	xxx	a						х		7	Time	UTC	Local
6		360	2000	V	1999	х	xx	x	x	x	х			xx	x	×		x		5	Start	1302	1105
7		361	1500	1	1500	х	х	х	x	х	х			хх	х	х	Total Control of the	х	COST OF THE STREET, THE STREET, STREET	E	Bottom	1928	
8		362	1250		1249	х	хx	x	х	х	х			xx	x	x		x			End	2056	
9		363	1000	1	1001	х	хх	х	x	x	х	e de la constanta de la consta	Name of Street	хх	х	Х		х					
10		364	800	V	800	хх	x	x	x	x	x			xx	x	X		х	THE BUSINESS OF SERVICE	1	Positional Inf		
11		365	600	V	600	х	x	x	х	х	x	Walls was from		хх	x	х		х	manus III seromentara manus II	ᇣ	_at: 49 _on: \39	0 33 ,	98 N
12		366	400	V	400	х	x	х	x	x	x			xx	x	х		X		S L	_on: \33	. 39,	74 W
13		367	300	J	300	х	х	Х	Control Control	x	x	the Control of the Control	Tax filt is	xx	X	X		х	and the second second	-		0.1	
14		368	250	V	250	х	x	x		х	xxx							x		ğ	Lat: 49 Lon: 138		07 N
15		369	200	V	1200	x	×	x		х	X	THE REAL PROPERTY.		ХX	×	x	A TORILDISTUZZANI	X	SI MEDITE OF GENERAL LANDERS MANUAL	اهرا	Lon: 138	• 39.	96 w
16		370	175	Y	1174	хx	X	x		x	X							X				26	
17		371	150	1	150	х	x	X	NAME OF TAXABLE PARTY.	х	x	Consideration		ХX	X	x		X		- I	Lat: 49	. 34.0	
18		372	125	V	1125	x	x	хx		х	X							X			Lon: 138	• 39.9	90 w
19		373	100	~	1101	X	x	х		x	×			ХX	х	Х		Х					
- 20		374	75	V	171	х	X	х		X	х					数数		X	E SERVICE SERVICE		Extra comme	ents:	
21		375	50	V	50.	х	х	х	SUPPLIES OF STREET	Х	х		er-more	хх	X	x	r collegation of	х	NAME OF THE OWNER OF THE OWNER.		Deep cast		
22		376	25	t	125	хx	x	x		х	X			xx	X	x		x		1112	Will also hav	•	
23		377	10	V	10	х	х	х		X	x			хх	x	×	S SHOWN IN	х	A SUBJECT DESIGN	100	OxyLab x2 a	nd OxyT x2	
24		378	5	U	1	×	×	x		×	×							X					

**Sampling Log** 

	vvat	er Pro	operu	es Grou	þ		Jai			LUG					ccan			· · · · · · · · · · · · · · · · · · ·	
	Cruise		_	Station:		P20				#: <u> </u>	59	OF STREET, STR		Ship:		Γully	10 mag	Comments	mm yyyy): 11   06   2016
			Rosette C	Operation	Samp	les Tak	en / Sar	npler's	Initials	- AURULIES			EIRINE	TOWN LABOR.	THE REAL PROPERTY.	196			ROS TRM X-Niskin other?
kin	Firing	Sample	Target	Confirmed	Sal	Nut-fr	Fe	Fe cu	Nut-C										Watchkeeper(s):
į	#	#	Pressure	√ Pressure			filt	unfilt											
Ť	$\neg \uparrow$	379	800		х	х	x	х	x	CORP. ENGINE	AMERICAN INC.	No. 15			用新典组		2000		Bottom Depth: m
	72 3 444	380	600				x	Х	問題	ST7434	5						LEU WALLS		Transmisso Cleaned: Y / N
$\neg$	September 1	381	400				х	×		, :		05/05/00/0				NAME OF BRIDE	Hamilton,		
	Deve will	STATE OF THE PARTY OF	300				x	x									TIS IN		Time UTC Local
100		382	300						•			F1					Town Public		Start 21:34 14:34
	15+2*CAS-							A MORNEY											Start         21:34         14:34           Bottom         22:20         15:28           End         22:28         15:28
6					I DESCRIPTION OF THE PERSON OF	201000	N ESCHIEL I		5							-			Bottom 22:28 15:28
7	SECTION OF SECTION	05.00				C Bendy		BALLEY.										<b>元代的工作。</b>	End 20.23 13.23
8					OF MILES		S SURVICES											i:	
9			TO 188 1050					N WEST											Positional Information
10							H Market			EN EN ENTEREN								5.5	Lat: 49 • 34.02 Lon: 138 • 39.94
11				new test established	Cont Treatment				H 5000				NI SE	I WILL					Lon: 138 • 39.94
12									E TOTAL	TO INSTAN			National Section 1	NAME OF TAXABLE PARTY.					A KIND OF THE RESIDENCE
13					AA INSTAN		DA DESCRI	AND	918 = = 5/019	W-106311	0 37 60 6			250	2 (8)				Lat: 49 • 33.72
14											9 (1/1/23)								Lat: 49 • 33.72 Lon: 138 • 39.97
15								THE MODERNIA	SID STORES		A MATORIA	A 10 3000	( Qe)						
16			In the state of											新產品里	1000000			LA BOTH HAND SHEET / FEMALES AND ASSESSMENT	Lat: 49 • 34.10
17										HALL STORY OF THE	NI ISINE					4 Setting		ATTENDED TO	Lat: 49 • 34.10 Lon: 138 • 39.63
THE REAL											The second						1000	AT THE PARTY PARTY WITH PROPERTY	
18														and Spiriters	Taple for	NO.			Extra comments:
19	(6.54b)	<b>建设的</b>																	Co #10 800
20		III disease a s	Rad WRON A ST		ASSESS TO SECOND											THE RESIDENCE	STEERING STR		The state of the s
21																			bottle may have been lost your during
22				THE DRIVE OF STREET	Detti Louid's	MARKET TO SERVICE	and the state of											and Decovice in the Control of the C	deplement.
23		ton Englishmen	THE WATER			EUR CEAU		de too ta											c.dfo-mpo.gc.ca/sci/osap/projects/waterproperties

**Sampling Log** 

			operti		Station		P20			Event		70		S	hip: _		Tully			d mmm yyyy): _     6   70
	Cruise Firing #	Sample	Rosette C Target Pressure	Oper	ration Infirmed	Sam		1	ampler's	Chl	HPLC	Phyto							Comments	ROS TRM X-Niskin other?  Watchkeeper(s):
1		383	300	J	299	х			X	THE SERVICE	I RE BOAT		(40) Line		10000			70130E		Bottom Depth: 3965 m
2		384	200	J	200	X	x	x	X					Ext. (VIII)						Transmisso Cleaned: (Y / N
3		385	175	1	175	x	×	×	ХX	M 0.254 III	TESTI ES				BURU					
4		386	100	J	100	x	×	x	Х	X		The state of				things will	S. Millionia		37	Time UTC Local
5		387	75	V	75.	X	-		X	X									Fluo	Start 2240 1540
6		388	60	1	60				X	XX	XX					inth diversity			Fluo	Bottom 2245
7		389	50	/	50	×		555 ELCO	X	XX	XX							OUT THE REAL PROPERTY.	Fluo	End 230.4
8		390	40		1 40	х			X	XX							CHE STITLE		Fluo	
9		391	30	V	130	×			X	XX	XX									Positional Information
10		392	25		125	х			X	X		E EMPLE					BINGS			Lat: 49 • 34 00
11		393	20		120	X.	x x	X X	X X	X									Fluo	Lat: 138 • 29.80
12		394	15	00000	1 65	×	(		X	XX	XX			SEQUENTIAL	The second				He i	
13		395	10		10	×	C C		X			ST MESSIGN		Hand I	100				Fluo	Lat: 49. 34.0/
14		396	5	100	1 3	)	(	X	x x		XX				TAI MALE LOS CALLS					Lon: 1380 40.00
15		397	0		V 3		X	X	X X	X	SI SHATT									
16						12/5						im Sport 14								Lat: 49 • 34.0/
17				RESIST II		r spirit i pini				and their		世 200								Lon: 138 . 40.04
18			图 引放智				2211110	Shall st	E SAID			Same Profession								
19		XII SIBULIAN	TO THE SHOP		ST 1575 PM															Extra comments:
20											esta la Xeria									DMS cast
21			ale Spudion			ers th														Will also have loops for Chl x2
22					A Resid	A DO THE		(Cov)	HUNGER COM											
23			TOTAL CONTRACTOR	12010	<b>第二個學家問題</b>	Selection Silv	Artist (s	30 12 21			THE DESIGNATION OF THE PERSON									ww.pac.dfo-mpo.gc.ca/sci/osap/projects/waterproperties

### **Sampling Log**

(	Cruise						P21		F	Event #		72			diff	Comments	Profile type:  ROS TRM X-Niskin other?
			Rosette C	Opera	ation	Sampl	les Take Sal	n / Sam	mpler's In	nitials	UBC	Paw-16					Watchkeeper(s): DRY
		Sample	Target	Cor	nfirmed Pressure		Sai	Chi	HPLO		gases	T. GIV.					Watchkeeper(5). DR7
#	#	#	Pressure	<del>                                     </del>		<del></del>	<del></del>										
1	1	398	2005	~	2005		X			-	_	X					Bottom Depth: 3959 m
2	2	399	10	~	10		4				ХХ						Transmisso Cleaned:
3	3	400	5	-	5	х	Х	хх	хх	1							
4										1			-				Time UTC Local
5					1					-							Start 0435 2135
6														-			Bottom 0510
7																	End 0545
8																	
9																	Positional Information
10																	Lat: 49 · 37 99
11									′								Lon: 139 0 40.05
12																	<b>V</b>
13											1						E Lat: 49 0 38.01
14					11												Lat: 49 · 38.01 Lon: 139 · 39.95
15														l T			▼
16														-	-		Lat: 49 · 38 10 Lon: 139 · 39 97
17															-		Lon: /39 · 39 97
18															++		
19														-			Extra comments:
20															+		
21																	
22																	
23												'			+ +		
24																http://w	ww.pac.dfo-mpo.gc.ca/sci/osap/projects/waterpropertie

### **Sampling Log**

	Cruise		2016-06			ation:	-	P21				#:			_	Ship:		Tully		UTC Date (dd m	mm yyyy): 12  6   2016
		Sample	Rosette (	Ope	ratio onfir	on med	Sampl Nut-F	es Tak	en / Sai Chl		Initials			Paw-16		<b>大龍計成</b> 位		, a ×+ <u>f</u> (, )		Comments	Profile type:  ROS TRM X Niskin other?  Watchkeeper(s)
1	1-	398	2005	U	12	005		х				e channage	MERCE DO	×	125 105 N	A STATE OF THE PARTY OF THE PAR	THE REAL PROPERTY.				Bottom Depth; 395m
2	2	399	10	X		10						xx	7. 图图				Balting	<b>非</b> 重新的		i v n	Transmisso Cleaned: Y / N
3	3	400	5	V	1	5	х	×	XX	хх	TO ACCUPACE OF	T. NAME CO.	Administra	- Company of the	10000000		PERMIT	UR STATE OF	SCHOOL SEC		
															1000			THE	SPATISTICS.	PSUT THE BUILDING WINDS	Time UTC Local
		*												15 200 P. F.			05 obsad	and the same of		<b>以為特別其實際的</b>	Start 0435 217.
A STATE OF				Table Services														是美国的		WEST THE PARTY OF	Bottom 05 10
										a salasana	Omroson					- Line 50	emests.				End 0545
					THE REAL PROPERTY.																
								-		NA SEA NO.	W CLEANER	SE AMERICA	U PSDAGOS	D. Carrier		is decision		TENESS.		THE PERSON	Positional Information
0									100							is denough		SISI DOM	Paulisipa	SECOND TO SECOND	Lat: 199 6 40.05
1									NO WEST STORY		(M deliber)	an and some	N BUSTON							READ TO SERVE	Lon: 139 6 40.05
2		WIE.			STATE OF STA												A STATE OF	ASSESSMENT OF THE PARTY OF THE		and the state of t	<b>经工作是关键的 医外侧旁周发性</b>
3							PIL SPRINGERS	a market	Med Latinophysia	The Course of	EL JOSEPH	Dr. S. Walley	71 B 18 18	an exceptiv	9 11022		Like the B	A CONTRACT	ALC: N		E Lat: 49 • 38.01
4																			SPIEGH	United the control of	Lon: (39 · 39.95
5					Name of the				No. of the last of	NU SEEDES	e5 (9550)	S BRUTT	A SECURE		a luxe				THE REAL PROPERTY.		
6	和國															<b>建</b> 180克		NOTE: SHE	NO PERSONAL PROPERTY OF THE PERSON NAMED IN COLUMN TWO IN COLUMN TO THE PERSON NAMED IN COLUMN T	William State of the State of t	Lat: 49 • 38.10
7				Section 4			TO MINUSE	NO INCHES	Mar (05-24 (5)											KENDON, DEK	Lon: 139 9 79.97
8		189																	11 544		
9				1000	580 70	CONTRACTOR				State of the last	11 7.20	San Section	at Application		N COLUM	<b>美国金属</b>					Extra comments:
20			<b>建筑</b>											201 8 (BUS)		EU BREVER	ELECTRICAL STREET	e curvii			
21					Calle II	91,200,00		No. of Concession,	CH CARRO					NI HWA							
22									理問題	21/2/2		100 (C)					W 1425-50				
23				10000	GE =		S. Barrer		100 PS14				a despite		70 PHS			e Park			
24						Fransmiss			100 田田田	計劃局		E nim					IN THE REAL PROPERTY.	MI DELICIONE	Company of the last of the las	http://www.pa	c.dfo-mpo.gc.ca/sci/osap/projects/waterproperties

### **Sampling Log**

	Cruise	ID:	2016-06	-	Station:		P22			Event	#:	74		_	Ship: _	T	ully	UTC Date (	dd mm	m(yyyy): <u>L</u>	2 Jun	2016
			Rosette C	per	ation	Samp	les Tak	en / Sar	npler's	Initials					10.11			Comments		Profile type	: 1 X-Niskin	
		Sample	Target			Nut-F	Sal	Chl	HPLC		UBC		Paw-16									other?
#	#	#	Pressure	1	Pressure			<u></u>			gases									Watchkeep	er(s):	1
1	1	401	2005	1			х						х							122		
2	2	402	10	/							хх									<b>Bottom De</b>	pth: <u>3</u> 89	4_ m
3	3	403	5	/		х	×	хх	хх											Transmiss	Cleaned:	(Ý) N
4																						
5																				Time	UTC	Local
6																				Start	1344	0644
7																				Bottom	1418	
8																				End	1449	
9																						
10																				Positional	Information	
11																			$\Box$ .	Lat:	9042	07 N
12																			Ctal C	Lat:	0 0 40	01 W
13																					<b>V</b>	
14																			E	Lat: A	90 42	00 N
15																			To How	Lon: 14	10. 39	96 W
16																						
17																		İ		Lat: 4	9 0 42.	10 N
18																			E Pu	Lon: 14	0 . 39	98 W
19																				1),		
20																				Extra com	nents:	
21																					eve loops for	r Chl x2
22																				Sal x1, Oxy	-	- 1
23																				and OxyT		7
24																						- 1

### **Sampling Log**

	Cruise	ID.	2016-06		Station:		P22			Event	:#:	14			Ship:		Tully		UTC Date (dd m	mm yyyy):'4   [	100
Niskin		Sample	Rosette	Oper	ration	Sampl	es Tak	en / Sar Chl	npler's	Initials		200	Paw-16				and the	Alexinosis	Comments	Profile type:  ROS TRM X Niskin o  Watchkeeper(s)	ther?
14	4	401	2005	/	/	***	х			Į.	5 4		х	ŧ	, k			h	and the second of		
2	2	402	10	V							xx						163	A STATE OF THE PARTY OF THE PAR		Bottom Deptil:	Sm Sm
3	3	403	5	V		х	х	хx	хх	r r				Tax Care Co. of	(San Sensor					Transmisso Cleaned:	Y)N
4						<b>建</b> 糖	PARTICULAR PARTICULAR											Unit Str			
5		8								CONTRACT	E STATE OF THE STA			Selection see			NAME OF THE OWNER.			Time US	100al 0644
6												<b>医唇</b> 属								Bottom B	
7						A LWSDURG	ACMADOR III	BOMERS	The Name of Street, St.	Tell objects	Marine Arron			3.747	New Pin		10.34			End 1449	0749
8				通問						E ALOTONI		Black				ten dina	Commission of the Commission o		THE RESERVE THE PARTY OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN		
9	Anistria.			SH CUS				Saute.							TO BETT		Miles.			Positional Information	
10											NAME OF STREET	ENERGY DE		G WHILE	e Hosenbern					Lat: 49 7	N
11		自然高						TE THE	0.00					MAN.						Lon: 140 40	Olw
12 13				STREET,	Hart Street Street	E SERVICE	N Chinasian	10.00.00	U (LINES HADE)	Jan Links		THE PARTY OF THE P						n		42	W
14	<b>新</b> 有表	April 60		質問				朝野												Lat: 49 42	90 N
15			5 pp (4 pp 5 1 pp 5 pp 5 pp 5 pp 5 pp 5 pp 5 p											41			4			Lon: 140 39	96 w
16														相響		280	福脂		<b>第一种</b>	40 4/	7 10 N
17														E ESTRECTION	# 1500m as			Marine		Lat: 49 9 42 Lon: 140 3	198 W
18	腰海																			w Lon:	
19	-	Market Service Com	Grandario-		1 (19av)   -2/2/32	and the latest			(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	NESS C	e ceralle		E PERCEN	a pasada	C Molek	COLUMN TO A	19550			Extra comments:	Alexandra de la companya de la compa
20																		SHARKE OF		Will also have loops for	Chl x2
21	ne agratuação	Marie No.			H (1884) 500			the sold												Sal x1, OxyLab x2,	7
22		A RELATION	of the line to				entere VIII		1000		A MARCON N	1014			THE REAL PROPERTY.					and OxyT x2	1
23					n m K a figure															145	

### **Sampling Log**

	Cruise	ID:	2016-06		Station:		P23			Event	#:	75		_	Ship:	Tul	У	UTC Date (c	ldimn	ım[vvvv):	12   TU=	2 201
	i i	i .	Rosette (			Sampl	es Tak	en / Sa	mpler's	Initials								Comments		Profile typ	- 1201	2016
	Firing #	Sample			nfirmed	Nut-F	Sal	Chl	HPLC		рН	DIC	Paw16	Оху						ROS) TRI	M X-Niskin	other?
#	#	#	Pressure	1	Pressure	<u></u>			<u></u>	gases										Watchkee	per(s): Dy	0.1101
1		404	2000	~	2000		х				xxx	xxx	x						$\neg$	-		
2		405	2000	1			хx												_	-		
3		406	2000								XXX										pth:	
4		407	2000	~			Х				XXX									Transmiss	o Cleaned:	②/ N
							Х				XXX	XXX										
5		408	2000				Х				XXX	XXX								Time	UTC	Local
6		409	2000				Х							хх						Start	2049	1349
7		410	2000	~			Х							хх						Bottom	2127	
8		411	2000	~			х							хх						End	2208	
9		412	2000				х							хх						End	1200	
10		413	2000	-			х							хх						5		
11		414	2000	-			х							ХX					-		Information	
12		415	2000	-			х							^ ^			1 1			Lat:	19.460	97 W
13		416	2000				x										+ -		<u>w</u>	Lon: 14		97 w
14		417	2000																			
1				-			Х									_			5	Lat:	9 . 46	98 w
15		418	2000				Х									_			\8	Lon: 14	1 . 39.	98 w
16	-	419	2000				Х														•	
17		420	2000				х													Lat: 4	7 . 46	DI N
18		421	2000	-			х												E G	Lon: 14	9 0 46	20 W
19		422	2000	~			х															W
20		423	2000	~			х													Endon	4 .	
21		424	2000	L-			х										1			Extra comn		
22		425	2000				х									-			-	Calibration		
23		426	10	G	10					V V									1	1	ve loops for	Chl x2
24		427	5	100	5		, ,	74.74	M 11	XX										Sal x1		
		761	<u> </u>			Х	Х	хх	ХХ													

### **Sampling Log**

	Cruise	ID:	2016-06		Station:		P23			<b>Event</b>	#:	10	A	-	Ship:		Tully		UTC Date (dd/m	imm yyyy): 1
	14		Rosette O			Sampl	es Take	en / Sar	npler's l	nitials			HE VENT			( S. 1 (S. 1)			Comments	Profile type:
Niskin	Firing	Sample	NAME AND ADDRESS OF THE OWNER, TH			Nut-F	Sal	Chl	HPLC	UBC	pН	DIC	Paw16	Оху			• 1			ROS TRM X-Niskin other?
#	#	#			Pressure					gases							ALL SES		7 7 A TO A	Watchkeeper(s)
143.41	П	404	2000	V	2000		×	-		45 1 1	xxx	xxx	х		log)		1 in	1-	i i seambagili	
1		405	2000		1		xx				xxx	#250 P.C.	多麗							Bottom Depths m
2	THE PERSON	406	2000	1	HOUST HAND SOME SECTION.		×				xxx			î '		1,175,1	HETOG			Transmisso Change Y / N
3	No section	407	2000	1			x				xxx	- Invites in			22 34 2					
4	PERMIT		2000	1		STATE OF THE REAL PROPERTY.	x			STREET, STREET	xxx							24	1 1 1	Time Wig Local
5	1000	408	2000	1			X							XX	製造	Manual Wall				Start
6	FEBRUAR.	409	2000	1	等 A Election	EE MOSE	×		-					XX						Bottom
7		410	SHOPC NO. 184	100			×	War El				THE STATE OF		XX				製罐	<b>计划的图像</b>	End
8		411	2000	1		STORES VALUE		Economic	190000000	CHILD SHEET	- CHARLES	9000000	-/	XX						
9		412	2000	1	A LEUS HE		×						1	XXX	/	To The R		Marie 1		Positional Information
10		413	2000	1			X	1704.002				100000		XX		The state of the s				Lat: N
11	10.00000000000000000000000000000000000	414	2000			NAME OF	X	0.246		OVE TO	2860									Lon: W
12		415	2000	1			X	EAST 2102		DE PER	/Internet		N IN BUSINESS		Park Name of Street	110000000000000000000000000000000000000		-	2	
13	180m = 101	416	2000	×	A CHARLEST	1785 14°	X	1 1/0	HARAS								1800			E Lat: N
14		417	2000	14			X	STATE OF THE PARTY		SCHOOL STREET							e announce	DATAMINE CONTRACT	W	Lon: W
15	Carrier a	418	2000	V		2000	X	1868	V 5/40		12500					CAN S			<b>原制部门的联系数据</b>	
16		419	2000	¥.			X	HERE					STATE OF THE PARTY						37	Lat: N
17	N KENTSON	420	2000	V	A control of the last	ED ROBERTS	- X					i ignorali				BUS S	TA ST	78.75		Lon: W
18		421	2000				X	STATE OF	A SEC. III	Non-Inch	Helechi			all all seats	M SOME SHARE	ON DATE SHEET,	<b>新国用家10</b> 4		A COURTON DE LOS DE LA COMPANSA DEL COMPANSA DEL COMPANSA DE LA CO	
19	E PERSONE	422	2000	V			X	20000		EGE	1 deline			H NUMBER						Extra comments:
20	植	423	2000	T Y	S. Links		X			Man S						2000			STATE OF THE STREET, STATE OF	Calibration cast
21		424	2000		A 100 CO 100 CO	NAME OF THE OWNER, OWNE	X		I FEE	N 25 F.				22.30	Q# 30					Will also have loops for Chl x2
22		425	2000	V			X		1 12 C	61665					The It dies		N. HOLGER	an samuels	图 1000 X 200 和 200 100 100 100 100 100 100 100 100 100	Sal x1
23		426	10	/	10		- Anni Parit			XX				TA SEE			1001250			Jan A /
STEP OF SHIP	H BANK DE	127	The second		ALSER	Y	Y	XX	l x x	THE REAL PROPERTY.	-			ALL STREET		He was		IS NOT		A PROPERTY.

### **Sampling Log**

	Cruise	ID:	2016-06	_	Station:		P24			Event	:#:	76		Shi	p:	Tully	UTC Date (d	ldimm	m(yyyy): <u>/</u>	3 500	2016
	g s		Rosette C	Oper	ation	Sampl	les Tak	en / Sar	npler's l	nitials		-					Comments		Profile type ROS TRM		
		Sample	Target			Nut-F	Sal	Chl	HPLC	Оху	UBC	P	aw-16						ROS TRM	X-Niskin	other?
#	#	#	Pressure	_\V_	Pressure						gases								Watchkeepe	er(s):	×
1	1	428	2005	~	2005		х						х								
2	2	429	10	V	10						хх								Bottom Dep	th: <u>398</u>	6m
3	3	430	5	le <sup>1</sup>	5	х	х	хх	хх	хх									Transmisso	Cleaned:	(Y) / N
4																					
5																			Time	UTC	Local
6																			Start	0320	1
7																			Bottom	0357	
8																			End	0432	L, .
9				_																	
10																			Positional I		
11																			Lat:	9.50,2	24 N
12															4				Lat: 4	2 . 39,0	97 w
13				1																▼	
14																			Lat:	9 . 50,2	21 N
15															_				Lat: 44	- 39,0	96 w
16														_							
17				_															Lat: 4°	9 . 50.1	8 N
18														_				ů	Lon: 14	2 . 39.	99 w
19																					
20																		_	Extra comn		
21														_				_	Will also ha	•	r Chl x2
22																			Sal x1, Oxy		
23																		_	and OxyT x	2	
24																					

### **Sampling Log**

	Cruise	ID:	2016-06		Station:		P24		. 1	Event	#:	- [	0	_	Ship:		Tully		UTC Date (dd m	mm yyyy): <u>/ /</u>   <u>/ 6</u>	2016
Niskin #	Firing #	Sample #		Co	ation nfirmed Pressure	Samp Nut-F	les Tak	en / Sar Chl	npler's HPLC	Initials	UBC gases		Paw-16		Robert		900		Comments	Profile type:  (ROS) TRM: X-Niskin (I)  Watchkeeper(s):	other?
1	15 1 <sup>th</sup>	428	2005	1	2005		х				w la	112	x		1			1 71	125 - 2 × 2 11		
2	2	429	10	Y.	10						хx					Je at				Bottom Depth	m
3	3	430	5	V	5	х	×	хх	хх	estalta	L yes	4	V I	(e	XX	lg is	chiet.	×1841(	5 Y ' 1 W	Transmisso Cleaned:	Y) N
4											BY STREET										
5	Maria a maria			and the same	(25 TO STATE OF THE STATE OF TH															Time V1C	Local
6				SEE							il van	Black							10000000000000000000000000000000000000	Start	
7	Paring State		and the second	- Carlo	(II) G ( EII) M	In SHARM		They been	manessen	anales un	Section (Control	Martin Control		DUMBER	APPLICATIONS		12.03	Allies Park St		Bottom	
8			型計劃			類別				a mic										End	
9	A 100	Chical Cole Inc		SATI		0.00	9121331	Str. 1923 110	Silk and Si	Service 17 19				50000							
10																				Positional Information	
11		<b>阿洛斯河</b> 塞		100		vestes.	No.	nealkes	NO. ENG.		dis a second			3000			NAME OF THE OWNER,			E Lat:	N
12					The state of the state of				chald				Enin Sie		THE SHALL	6 8, 4				Lon:	w
13									(T) (1)				\$1120 B			A CONTRACT	A PROPERTY			E	
14 15						QNETTER:			ez (1000)			N/ICOLD		ADETER S						Lat:	N W
16		NAME OF							NAME OF THE OWNER, OWNE						Marsh.		3250	1		Lon:	W N
17	20 S0 80		10000000000000000000000000000000000000	EMEC S	PHIROTET THE CONTRACT	100211100	Parasitus.	DIRECT SERVICE		NAME OF THE OWNER, THE				ALWEST AND		OBC				Lat:	N
18			-	疆			Balla I									1000				Lon:	w
19	STATE OF THE PARTY	The Name of Street, St	COLORED PRODUCES COLORED				and district		·			HEICHEN STORE						THE STREET	Denote Denote the State of the		
20																		100		Extra comments:	
21																				Will also have loops for C	chl x2
22		加速波響																		Sal x1, OxyLab x2,	
23																				and OxyT x2	
24				3																	1

### **Sampling Log**

	Cruise	D:	2016-06	=	Station:		P25		-	<b>Event</b>	#:	79		Ship:	1	Tully	UTC Date (	dd mm	m(yyyy): /	3 500	2016
	E		Rosette O	per	ration	Samp	les Tak	en / Sar	npler's	nitials				47			Comments		Profile type		
Niskin #	Firing #	Sample #	Target	Co	nfirmed Pressure	Nut-F	Sal	Chl	HPLC		UBC		Paw-16						Profile type	X-Niskin	other?
<i>"</i>	"	"	Pressure	IV	Pressure						gases								Watchkeep	er(s): Hr	1
1	1	431	2005	1			х						х								
2	2	432	10	1							хх								Bottom Der	oth: 414	3 m
3	3	433	5	1		х	х	хх	хх										Transmisso	Cleaned:	(Ŷ) / N
4																					
5																			Time	UTC	Local
6																			Start	1039	0339
7																			Bottom	1117	0 00 /
8																			End	1151	
9																			Liid	11/3/	
10		2																	Positional to	-fo4i	
11											İ								Positional II		00
12																	- 1	Tat tat	Lat: -1	2 0 7/	N
13																			Lon: /T	<b>V</b>	/3 W
14																		E		V	2 "
15														1				왕	Lat: 49	3 - 34 - 1	N
16																		— "	Lon:	3 ° 36, 2	24 W
17																			1	2 - 50 - 6	2.0
18																		- P	Lat: 4	10577	N O
19																			Lon:	3 6, 2	4 W
20																		-			
21																			Extra comm	ents:	
22																		-			
23																					
24																					

### **Sampling Log**

	Cruise	ID:	2016-06		Station:		P25			Event	t #:			<u></u>	Ship:		Tully		UTC Date (dd/m	mm yyyy): 🔃 🔀 📗	
			Rosette (	Ope	ration	Samp	les Tak	en / Sai	mpler's	Initials		100	45128		1000				Comments	Profile type:	
	Firing	Sample	Target	Co	onfirmed	Nut-F	Sal	Chl	HPLC		UBC		Paw-16					k 34	21 X1 8 X	ROS TRM X	Niskin other?
#	#	#	Pressure	14	Pressure						gases							(9)	an annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual an	Watchkeeper(s)	
e 1	1	431	2005	1			х				11-	11	х	- 3	-v= nj	Т		5	ire that are		
2	2	432	10	V						( in 1.7,	xx									Bottom Depth	4140 m
3	3	433	5	V	1	×	х	хx	хх		= -,-	4		-				113.14	a z V	Transmisso Cio	ined: Y N
4																					
5			7:								E								9	Time	urc Local
6						05-07														Start	39 0339
7	Landon de Celo	TOTAL CONTRACTOR OF THE PARTY O	Mary and Section 1994		arana maran						17 3									Bottom 3	39. 0339 17. —
8								and a			THE STATE	TOP A	A POL							End	1151
9		SUNTERS CARES	The state of the s																		
10																				Positional Inter	ustion
11	ASSERTATION.	(annual pages of their	III and a second		E SERVICE SARVES	Sept Sales													10	Lat: 49	59 99N
12		<b>建</b> 夏到相	The Atlanta		THE SHARE	NAME OF								THE S	PART OF THE PART O	New York				Lon: 143	39 99N 36 15W
13	Carry St.		A STATE OF THE STA			No. of Concession, Name of Street, or other party of the Concession, Name of Street, or other pa	and the same of the														VALUE TE LE
14				S IN												Market Street				Lat: 49	59 94N
15	HAVE PAR	WHILE STATE	HORIDSON	SEE CHES	No parameter	NA SERVICIONE	Page Shirting	Name of Street, or other party of the Street, or other party or ot		Married .	-	02100						,	i de egil f	Lon: 143	36 Z4 w
16				Ma	0.575.05	TOTAL SE										The state of		The second			
SOCIAL PROPERTY.			BAN S. STREET, S. ST.	821 829				10 CD CD C CO	N. Market Street		A SCHOOL SHEET	A TANK THE PARTY OF	A CONTRACT OF STREET				S COLUMN TO SERVICE			Lat: 49	59. 98 N
17			<b>以下党。</b> 由									450								Lat: 49 1 1 1 Lon: 143	36 24 w
18	PHACES:		MEGICAL MARINE	(C)	S - AND ADDRESS OF				HISTORY CO.	100000000000000000000000000000000000000	in and service	1200 MANUAL		A DESCRIPTION OF THE PERSON OF				S			
19			P. S.					363/9						Pagasia						Extra comment	
20	DIE ES	He mineral	A TRANSPORT			EVEUS			State State	TO DEPOSIT				- CALMITTEE		Service Si	- IOMANASAS	Property and the second			
21	000000	<b>建</b> 以新元件									20100				TO ME						2.4
22	A SHIP IN SHIP		COA BORDER	BIT IS		s direction	E CAPHEN	(S) BUILD		eutheuses:		ems - u	HILDER SE	etmacidis			the arrivers				
23	MEN CA				1 g. 7 g. 000 july 22	- Paul 93															
24	A CONTRACTOR	TOWN THE PROPERTY.	SPECIAL PROPERTY.			(2) (2) (E) (E)	OF THE PARTY OF	CHILLPONT	THE CHARLES	( Carlotte	COLUMN TWO IS NOT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1/20 (01)	-	THE PROPERTY.	THE PERSON NAMED IN	Carlotte Street	THE PARTY		04 U254B	

### **Sampling Log**

	Cruise	e ID:	2016-06	-	Station:		P35			Ever	nt #:	30			Shin		<b>-</b>		-	Station, Staticy, BC
Minkin	Î cirin		Rosette (	pe	ration	Samp	les Tak	en / Sa	mpler's	Initial	S	Ti Was	dis ni cultura		Sinh		rully		UTC Date (d	d mmm yyyy): 13   6   16
#	Firing   #	Sample #	Target Pressure	Co √	nfirmed Pressure	Nut-r	Sal	Chl	HPLC			a Washington In	Paw-16	3		10.18 may 5	組織機能		Comments	Profile type:  ROS TRM X-Niskin other?
	<u> </u>				/	_														Watchkeeper(s):
450 N. Sell	6世末19世	434	2005	V			Х					-	х			- 1				μ.Α,
2	2	435	5	V		x	X	xx	xx						No. Lon	THE REAL PROPERTY.			· 对是数字的 网络罗斯斯克米斯斯	
3	all reconstruction of	Section the section							×											Bottom Depth: 4151 m
4												D TOTAL		EU ZU		A Tarbana	DE STATE OF	00 000 FEED		Transmisso Cleaned: Y / N
5			***						1-Branchis	National Control	1000	27		Elaw II						
6														Egypton.			64 (A/15/1110)	2N GRUSSINE		Time UTC Local
7				П		7-11-17-1	HARMON PHIL		DICTION DELICATION	200										Start 1631 093)
8			e e e e e e e e e e e e e e e e e e e			PANE.				CHAS.		dente	Presid A		(Selection of					Bottom 1767
9					vec equilibrie	ELDERING.	1 3 2 7 6th			AL SA				THE REPORT						End 174/
10						AND THE		1300		NOTE: N	(musco)									
11		and territoria and			Harry All Street		17 723	in the first		WE I				BEE						Positional Information
12			Control of the	EE I				in the same										**		Lat: 49 • 59, 96 N
13	IN THE CASE OF			0.00	in the second				用門		Report of								PARTY BELLEVILLE	Lon: 144 • 18 , 16 w
14			Sine Amount		HITCH CHICAGO	700 CO (U)	SELICIJEJILA				National Control									W Edit.
15																			国	E Lat. 49 0 50 00
16			MH CHALLES IN	100 E									- 1							Lat: 49 • 59. 98 N Lon: 144 • 18 Z3 W
	In the same													18.89 H						
17				1983		SIESSEN EN EL												(CEN   S121540)	-	Lat: 49 • 59 99 N Lon: 144 • 18 . 15 w
18			PEN MEN																	Lat: 11 ° 39 19 N
19		OCCUPATION OF	14 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	er in								0 1					AND DESCRIPTION			Lon: 144 • 18 . 15 w
20																	服物用			
21																			10000000000000000000000000000000000000	Extra comments:
22												braie!		Single I	E STATE			SAX S		
23	Marie Marie Marie												A STATE OF THE STATE OF		EBS F			2000年		
24															ot oxf	MENICAL		000000000000000000000000000000000000000		
Ve	ersion: 25	Nov 2011		Tr	ansmissomet	ter to be	cleaned	hefore or	och coot	do 2006			zelin est il	DECEMBER 1						

### **Sampling Log**

	Cruise	∌ ID:	2016-06	-	Station:		P26			Even	t #:	81			Ship	):	Tully	,	UTC Data (ddi		13	1	20/1
Niskin #	Firing #	Sample #	Rosette C Target Pressure	Co	nfirmed	Samp DMS	DMSP	DMSP	npler's Nut-Fr	Initiale	STATE STATE	Phyto							UTC Date (dd)		Profile type: ROS TRM	X-Niskin	other?
1		436	300	5	300	×			1					†==	-	+	<del> </del>	-		- 8	Watchkeeper(	s): Dy	/
2		437	200	V	200	X	×	×	X	14,300	RAE!	I I I I I I I I I I I I I I I I I I I	f1.51.85	100020	M DHIERE		AL ENGINEER	F	Value not closed				
3		438	175	1	175	X	X	×	x	E4 E48	disease of the	Part and				2000年					Bottom Depth	1 4080	8_m
4		439	100	V	100	×	X	x	xx				V AND I	200900			100000	a and a second	And the second second	100000	Transmisso C		(Y) / N
5		440	75	7	7-67	x	2	^	X	x		12505=014		NAMES OF									
6		441	60	V	60				×	××	xx			A SHIP	15000				STANCTON SALES		Time	UTC	Local
7		442	50	1	50	х			×	xx	XX			HISTORY	T RESERVE				Fluo		Start	2235	1535
8		443	40	V	40	х			x	xx	xx						SHEET SHEET	18 (18 kg	Fluo		Bottom	2242	
9		444	30		30	х			x	xx	хх		1013153		and the same of	AND RE		e chine	Fluo		End		
10		445	25	V	26	х			x	x									Fluo				
11	ICIE COMMUNICATION	446	20	V	20	хх	хх	хх	х	х			-	ALCO AND	10000000	A STATE OF THE PERSON NAMED IN	A DESCRIPTION OF THE PERSON OF		1884年 田 田 田 田 田 田 田 田 田 田 田 田 田 田 田 田 田 田 田	-	Positional Info		
12		447	15	J	15	x			х	xx	xx						退網	PER S	Fluo	T I	Lat: 570 °	0.0	/ N
13	E-Marina II	448	10	$\checkmark$	16	х			х	х					ALCOHOL: THE	25 10/27 11 12 12 12	lintifuling		FIUO	<u> </u>	Lon: 144	59.9	77 w
14		449	5	4	5	x	х	x	x	xx	хх	xxx							Fluo	E.	世 经 经 计 经 计 计 计 计 计 计 计 计 计 计 计 计 计 计 计	<b>V</b>	en's
15		450	0	V	2	×	х	х	х	х								THE CONTRACTOR	i ido	緣	_at: 50° _on: 144°	-0.00	N
16																	21/2				.on: 199 °	> 7 . (	6 w
17	9 (B) (B)	Declaration of the second		600	ter HOWER IN A	matewanii i	NA SANCE	HOLDING TO SERVE												37	ati Uaa	C-9	96
18	SARRE THE	Separate the						ID ELLS								- Balling		P. Friedrich		Pu.	at: 49°	50	90 N
19			SINGOU BUY		· · · · · · · · · · · · · · · · · · ·	10000000			Nancius 2	20 No. 10													( W
20				10	98 F 57 58											馬爾				l Γ <sub>Ε</sub>	xtra comments		analogungstus
22						24.25	1255 Fill 4	(ASSESSED ASSESSED			nation in the			S. Comiles						1500	MS cast	,.	
23	to deposit of		JUST TO BUILTY				Service	03/03/61												200	/ill also have lo	oons for C	hl v2
24	3895	10. 使期间		200				M. 5.11 ()				- 10 au 2	(Carlotte 11)		Carl Carl	NOTE OF THE OWNER.					4		^2
	ersion: 25	Nov 2011	BUREAU STREET													12 8 3 1		SHOW THE STATE OF		300	6	-	

#### **Sampling Log**

#### Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

UTC Date (dd/mmm/yyyy): 13 6 20 0 Station: P26 Event #: Ship: Tully Cruise ID: 2016-06 Samples Taken / Sampler's Initials Profile type: Comments **Rosette Operation** Paw16 Gases DNA SAGs ROS TRM X-Niskin other? Nut-F Nut-C DIC pH Niskin Firing Sample Target Confirmed OXY Sal Watchkeeper(s): Pressure Pressure 4319 Bot-10 ΧХ Х 451 ХX Х Bottom Depth: 452 4000 X XX XX 3499 Transmisso Cleaned: 3500 3 3 453 X ΧХ XXXX ΧХ ΧХ X 454 3000 XX XX UTC Local Time 5 455 2500 XX XX ΧХ X X X XХ 7346 Start 456 2000 XX XX Bottom 457 1500 7 Х ΧХ X Х X ΧХ End 1250 458 XX XX 999 9 9 459 1000 Х Χ X XXX ΧХ Х Х Positional Information 460 800 XX XX 10 11 461 600 Х ΧХ X XXX Х Х 12 462 400 XX 12 463 300 Х XXХ 13 13 ΧХ Х Х 250 464 XX XX 15 15 465 200 XX Х XXХ 175 16 16 466 X XXXX 150 17 17 467 X Χ ХX Х ΧХ Lon: 125 468 18 XX 100 X X 19 469 Х XX 19 XX20 75 Extra comments: 20 470 X XX XX XXX Deep cast 21 21 471 50 ΧХ Х ΧХ Х Will also have loops for Sal x1, 22 472 25 XX XX 22 OxyLab x2 and OxyT x2 23 23 473 10 Х X ХX Х XX 474

**Sampling Log** 

	Cruise	, ID.	2016-06		Station:		P26			Ever	ıt #·	X	3		01.1					- wision, starley, BC
Niekie I	F:-:		Rosette (	Oper	ration	Samp	ples Tal	ken / Sa	mpler's	Initials		I HOLKS	SOUR BROOK	This it was	Ship		Tull	<u>/</u>	UTC Date (de	d mmm yyyy): <u>[4] 6   2</u>
#	#	Sample #	Target Pressure	Co √	nfirmed Pressure						170								Comments	Profile type:  ROS TRM X-Niskin other?
1		475	200	~	200				1		x		+			1			-	Watchkeeper(s):
2		476	150	U	150		Service Control		8200H		XX	10000		4.05000			and annual trans		1 20 1 7	
3	= "	477	100		100	Zajesi	E ADMINIS	EVAGES		(Charles of	XX						US V		11. 12.	Bottom Depth: 4254
4		478	75	1	75			A SILVE		NEW PARK	L. Kerry	· .	ZOFEREN	2 SCARLE	all orbitals.		1000 3	THE PERSONNEL PROPERTY.	1 3 p d 1 1	Transmisso Cleaned: (Y)
5								All and the second	E ASSESSED		X			1944		The state of				
6				20											G (GERRALIA	JAJE BOSON		NAME OF A PARTY OF A P	/	Time UTC Loca
7											THE BE	Fire								Start 0400 210
8				100					Jak H				91203	al September		-86 Qa	News	er dominance	Transment	Bottom DYDY
9									SERVICES!	Spaniss		THE AND								End OUII
10											4		THE BUT	THE R. A.	No.	DESIGN IN	Rid Hills			AND THE REAL PROPERTY.
1	Description of the											AND STATE			I Person	四色				Positional Information
2									ALC: NO.	Tes	Hann				( Constitute of		SOLE I	A ROSESSION		Lat: 50 . 0.03
3						Y j			0.60		NGP 12 TA		BEFRE							Lat: 50 · 0.03 Lon: (44 · 59.94
4														A SPILET	NAME OF			A CONTRACTOR		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
5	Supplement of	and the same					31			.)	NOTE THE PARTY OF	CHIMOTE				1000		地震能		E Lat: 57) . 0.501
6												TUS INTE					2940010	APPENDING TO	P. C.	Lat: 57) • 0.501 · Lon: 144 • 59.96
7 35550 HAV	AND DESCRIPTION OF THE PERSON											AND THE				2000				
8												Maria:			Busy Th		100507			Lat: 50 · 0.03 Lon: 144 · 59.96
					Þ						The second of			ALCOHOLD STATE			A STENE			<b>Lon:</b> 144 ∘ 59.96
0	18 to 18			F 2														照問題	THE STATE OF THE STATE OF	
	rate in a	DESIGNATION AND AREA	HOME STATE OF															<b>建筑设置</b>		Extra comments:
																A ENGS	1000000	SWEAK I		<sup>17</sup> O cast of Paul Quay
		Salt Lances	Total Control of the											DEINE		TO SHE				200 m cast
		Nov 2011							AND IN				Dis Volta		18 miles			<b>周田原設</b>		78

### **Sampling Log**

	Cruise	ID:	2016-06		Station:	P26		Eve	ent #:	84	Ship: _	Tully	UTC Date (d	d mmm yyyy): <u>  4   6   2016</u>
			Rosette O			Samples Ta	ken / Sam	pler's Initia	ils				Comments	Profile type:  ROS TRM X-Niskin other?
Niskin	Firing	Sample	Target	Co	nfirmed				170					ROS TRM X-Niskin other?
#	#	#	Pressure	√	Pressure						1 1			Watchkeeper(s):
1		479	50	V	50				хх					
2		480	25	S	25				хх					Bottom Depth: 4253 m
3		481	10	J	10				хх					Transmisso Cleaned: (Y) N
4		482	5	J	5				хx					
5														Time UTC Local
6														Start 0441 2141
7														Bottom 0444
8		18												End 0451
9														
10													,	Positional Information
11									_					Lat: 50° 0.00 N Lon: 144° 59.94 W
12														6 Lon: (44 ° 59.94 w
13														<b>V</b>
14														Lat: 50° 0.02 N Lon: 144° 5993 W
15							4							Lon: 144 ° 5993 w
16									_4					<b>V</b>
17									_					Lat: 50 ° 0 04 N Lon: 144 ° 59 10 W
18														<u>ш</u> гои: (АА ° 2610 м
19														
20														Extra comments:
21														17 O cast of Paul Quay
22														150 m CTD cast
23														
24													N	

	Cruise	ID:	2016-06		Station:		P26			<b>Event</b>	#:	35		_,	Ship:		Tully			UTC Date (dd mr	mm yyyy): 14   6   16
			Rosette C	= 1		Samp	les Take	n / Sar	npler's	Initials										Comments	Profile type:
Niskin	Firing	Sample	Target			170	ONAr	Оху	180 inc	NO3 ind	NH4 ind	CHL	Nut-Fr	NH4	Sal	C14	UVic	TM	bugs		ROS TRM X-Niskin other?
#	#	#			Pressure																Watchkeeper(s): H
		100		1	45.44			WW							х						
1		483	O2 max	V	121	XX	VV	XX		х											Bottom Depth: 4215 m
2		484	5			XX	XX	XX		^											Transmisso Cleaned: (y / N
3				1																-42	The second secon
4		485	250	V	/												Х				Time UTC Local
5		486	150	V				-									Х				Time         UTC         Local           Start         1 04 6406
6		487	50	V	,												X				J. Carr
7		488	20	V													х				Bottom 11 11
8		489	10	/													х				End 11 34
9		490	5														х				# * A
10																				498 —	Positional Information
11		491	100	7													2		x	Sal	Lat: 50 0 00 06 N
12		492	50	1															х	p26	Lat: 50 · 00 . 06 N Lon: 144 · 59 · 66 w
13		493	5																х	30%	<b>V</b>
		733																		2016-06	E Lat: 50 • 00 .00 N
14				1	/		1											хх		Bot 20 —	Lat: 50 • 00 . 00 N Lon: 144 • 59 . 86 W
15		494	10	V	14													<u>^^</u>			<b>V</b>
16						-				-											Lat. 50 . 00.07 N
17		495	100%		0			XX	XXX	XXXXX		X	X								Lat: 50 . 00.0Z N Lon: 144 . 59.90 W
18		496	100%		0	-					XXXXX		-	XX							Lon: 134 0 31110 W
19		497	55%	_	2.5		XX	xx	XXX	Х	X	X	X	XX	Х		9	-		(¥)	
20		498	30%	/	6			хх	xxx	х	х	x	X	xxxx	х						Extra comments:
21		499	15%	V	19			xx	xxx	х	x	×	X	xx	X						Amanda, Theresa, Robert 4,5,11, 12,6,1,22,7,8,24
22		500	1%	1	41			xx	xxx	х	х	х	х	хх	x						413, 11) 1610, 1,66) 170,
23		501	55%		5											x					15,21,20,23,19,2,9,13
24		502	10	V														хx			17, 18

### **Sampling Log**

	Cruise	ID:	2016-06	_	Station:		P26	-		Event	#:	86		_,,	Ship:		Tully		UTC Date (dd m	mm yyyy): 14   JUN   2016
Niskin #	Firing #		Rosette C Target Pressure	Co			es Take Nut-fr		npler's Fe unfilt	Initials Ligs								正正常是	Comments	Profile type:  ROS TRM X-Niskin other?  Watchkeeper(s):
. 1×		503	40			Æ	*	х	х	8										
2		504	25			×	×	x	X										图 海绵	Bottom Depth: 42 m
3	anamin'	505	10	Sec.	essantin maga	erd travers		X	x	xxxx	600 L-900		A STATE OF THE OWNER.	Tenta con	HOLINISOHKSE	15-1-2023S	THE PARTY OF THE ACT		SO NEL SEPTEMBER DE COMPANION D	Transmisso Cleaned: Y / N
4										1000						THE SE				
5			CHE LAND	like:		and the	A000200				MOTO SE				Lighting Co.	CONTRACTOR		Jan 810870		Time UTC Local
6			<b>国</b> 原從教徒	100																Start 1405 07:05
7								對應論				PARTIE .			AND THE PARTY			B. STEE		Bottom 1425 07:25 End 1445 07:45
9	BOOK ATTEMPT			100000		Sugarata (M)	William .											Sub-Incent		Elia PE 18 Per 43
10								TO SEE								TO STATE				Positional Information
11		1/2							¥		82			12	÷					Lat: 50 • 00.0236 N Lon: 144 • 59,9638 W
12																				Lon: 144 • 59, 9638 W
13																				
14									REAL PROPERTY.											Lat: 50 • 00.1450 N Lon: 144 • 59.5683 W
15	400 400			NASE.	S. M. WHICH							POSTAGO SE		Selfa Solid		Teo II	197571518			m Lon: 144 • 59 5685 w
16		探影后	<b>型斯里尔尼</b>					50X+0.00								到機構				V
17	(C)	SIN EE					CHICAN	<b>医产品</b>				烈焰	EAST DES	236	TOTAL S		- Billion			Lat: W
<b>18</b>				SEX.	18.20万米数46					TANKE I						102 0000	14161-51		<b>加州和西班牙斯公司的</b>	ធ Lon: w
20	<b>第</b> 题			1000		用 452					加克			H-129						Extra comments:
21										21,418,718				Appendix Appendix			es distriction			734000 M
22																				Go-flo 40 No noto lest for Sol and Net-Fr at 40m, so Sal and Nut-Fr collected from 25m.
23																				so Sal and Nut-Fr
24															54 5					collected From 25m.

### Sampling Log

	vvat	er Pr	operue	35	Gloup	J	•	Jul	-								T. ili.		UTC Date (dd/m	mm/yyyy): 14   JUN   2016
	Cruise	ID:	2016-06		Station:		P26			Event	#:	8/		EXECUTE DE LA CONTRACTION DE L	Ship:	State of the last	Tully		Comments	Drofile type:
			Rosette O	per	ration	Samp	les Take	n / Sar	npler's Fe	Initials						PROBLEM NO.	MO DING		·	ROS TRM (X-Niskin other?
		Sample	Target	Co	nfirmed Pressure	Sai	Nut-fr	filt	unfilt							200	2, E.V	27.		Watchkeeper(s): AR
#	#	#	Pressure	_	Tressure															<b>为社会是基础的证明的</b>
1		506	100			X	X	X	X	HEADING										Bottom Depth: 4250 m
2		507	75					X	X	A SECTION	M. Paller				A SHOW A SHOW				2	Transmisso Cleaned: Y / N
3		508	50	100				X	X						THE REAL PROPERTY.	1				
4		15 15 15								NAME OF STREET		i de les que	SI LOURSE HAVE	18-807-00H	9 100 ETHE BILLY:				1 × 2 VC	Time UTC Local
5		THE COMMENTS OF THE	A STORAGE				WE SEE	m, train						Tri I	No.			361		Start 1540 08:40
6						16 15		AHERIN			CHECKS			a more part					+	Bottom 1550 08:50
7				E 100E		i muziki		Tables	- File II &								加強			End 16 05 09:05
8						101/2		A TOTAL TO		1070 153		W 54975184	III ISANGO		D. H. Sandalan					
9						E7.11		EUNIS	a gamen				A LOT BY							Positional Information
10											931132		E SHIP							Lat: 50 ° 00.25 N Lon: 144 ° 59.80 W
11								1331045	350	SE 11.05 IN		A REPORT								Lon: 144 . 59.80 W
12								A SOR				1 . John Sale	S v31/92	SEL VAN SERV	an an-one					作。10月0年2月 <b>)</b>
13								2 600												Lat: 50 • 00.17 N Lon: 144 • 59.81 W
14												DES CLUSTERS		III (WASSES)						B Lon: 144 • 59.81 w
15			2000		BROOKERS N. S.		O/ Intelliging		9 388		1 34.00									
16									37516		\$ BELLEY	3620	EN HOLD							Lat: 50 • ∞:19 N Lon: 144 • 59.79 W
17			one control of the use	-	Million State Control															Lon: 144 . 59. 19 W
18										· · · · · · · · · · · · · · · · · · ·				EW IIIOES		Harris a December 1				三年 1988年 1988年 1988年 1988年
19				AZE OF ST		AC ACUAS	d user i	前候動産		洲烟幅										Extra comments:
20								6								M. 1. 2017 1011				Go-flo 100 75m. buttle Failed to trigg.
21			THE RESIDENCE OF THE PARTY OF T			un idaen			19 19 19 19				<b>阿隆</b>	8H 1588		<b>新</b> 個數				Po dealored during entra
22						100		Religion to	o de la composición dela composición de la composición de la composición dela composición dela composición dela composición de la composición de la composición de la composición dela composición de la composición dela c			15. OT 10.	C. No. of Street,	EDIN DESIGNATION OF	Hale Interest					Re-deployed during extra cost at 12:26 (50°00.02'N. 145° 50.02'W) to 12:45 (50°00.04'W)
23						DE MARK	STILL HESPAN		68 15354	20 KS 18		经制度	THE REAL PROPERTY.			返 得意				(50°00.01 N .145°00.04 W)
24															5 646		0.00	and to the	http://www.pac	dfo-mpo.gc.ca/sci/osap/projects/waterproperties/

### **Sampling Log**

	Cruise	ID:	2016-06		Station:		P26			Even	t #:	88	3		Ship	1	Tully	,	UTC Date (dd)r	nmm yyyy): 14   JUN   2016
Niskin #	Firing #	Sample #	Rosette O Target Pressure	Co	ation nfirmed Pressure	Sal	les Tak	en / Sai Fe filt	mpler's Fe unfilt	Initials	1 F4(P)			# # # # # # # # # # # # # # # # # # #			Maria an		Comments	Profile type:  ROS TRM X-Niskin other?
1		509	300	-		×	×	xx	xx											The state of the s
2		510	200					x	x											
3		511	150			х		х	x			el Cosmo			: -	grade Managering	R (515)(N))			Bottom Depth: 4250 m
4					dia.							1590					a configura			Transmisso Cleaned: Y / N
5					<i>5</i> 2			- 1		-										
6										MAG							12.2			Time UTC Local
7																A CONTRACTOR				Start 1630 09:30
8	<b>罗斯克</b>			THE STREET																Bottom 1640 09:40 End 17.09 10:09
9																A STREET, SPECIAL	THE RESERVE			End 17.09 10:09
10																				Positional Information
11																				Positional Information
12				*									dali							Lat: 50 • 00.14 N Lon: 144 • 59.77 W
13	CHARLES CO.									7.2									177 图 12 1	W LOIL.
14						WAR IN										100				E Lat: 50 • 00.07
15	SERVICE I	MEDISANI	1 200 2000											1		2			A STATE OF THE STA	E Lat: 50 • 00.07 N Lon: 144 • 59.82 W
16									Transfer of the second										STATE OF THE PARTY	Z Z
17		TOTAL STREET		400	THE STATE OF THE S									l l	- 5	F.			14	Lat: 49 . 59.89
18	A Salar																			Lat: 49 • 59.89 N Lon: 145 • 00.12 W
19					San American Comment		mention to	HIDORANI	2005-00500	2.65** (a) 11 miles		-		¥.						
20								野灣												Extra comments:
21	overes n	CONTRACTOR OF		- BU IA		2000		CONTRACTOR OF	Marie Wall		No. of Contract of									Go-flo 300
22														372						
23			910000000000000000000000000000000000000	樹田	On the Composition of the		Sillenin	7050 H-1011	MINE STORY	202									77	
24	lessie of	N. COA:	Switz-bank	350				EWIS:												

### **Sampling Log**

	Cruise		2016-06	-	Station:		P26		-	Event	#:	-89			Ship:		Tully		UTC Date (dd n	mm yyyy): 14   JUN   2016
Niskin #	Firing #	Sample #	Rosette O Target Pressure	Co	nfirmed	Samp Sal	Nut-fr	en / Sar Fe filt	npler's Fe unfilt	Nut-C				12 10 100					Comments *	Profile type:  ROS TRM X-Niskin other?  Watchkeeper(s):
1		512	800			х	x	хх	хх	х		*								
2		513	600					x	х											Bottom Depth: 4250 m
3		514	400					х	х		7.		,á						÷	Transmisso Cleaned: Y / N
4																				
5										as:								Ö		Time UTC Local
6															2					Start 1746 10:46
7										-										Bottom 1813 11:13
8																				End 1840 11:40
9	2000																			THE BACKS
10																THE SECOND				Positional Information
11	AND THE RESIDENCE							THE REPORT OF THE												Lat: 50 ° 00.12 N
12				010								- Toda								Lat: 50 • 00.12 N Lon: 145 • 00.05 W
13						170														
14																				Lat: 49 • 59 99 N Lon: 145 • ∞.08 W
15	(60) Surpostan		00095-000-000-000-000-000-000-000-000-00			Name of the last		and the same						OCT CONTRACTOR	No.					B Lon: 145 • ∞.08 w
16						1316														The state of the s
17				(mea)	augusti farihisa	and the first	Director of the	Service Printed		-	Terral Name of	The control of	COLUMN TWO	1002300000	-	Annual States	Section 200	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IN COLUM		Lat: 49 • 59.83 N Lon: 145 • 00.09 W
18						0000		TANK!			PER I	11/2				SALS TO				Lon: 145 • ∞ .09 w
19			DISCOURSE AND	(1962)	INDOMESIA SALI			euronoma.	OR THE SERVICES				15 × 10 × 10							<b>在大学</b> 及他们的
20																			<b>常然情爱情况</b> 的看着。	Extra comments:
21	STATE OF THE PARTY.	40.00			translation and the	A TOTAL OF			Maleston.		NAME AND DESCRIPTION OF THE PERSON OF THE PE				Discussion			SENIONEN		Go-flo 800
22					HA A SH			12.24		14.548				1000000		65,0				
23	ORIGINAL DE	Upper State of the			THE STATE OF THE S				(=100=1 = 754		SHEET OF ST	(9)		College of	H.	Dimension in				· .
24		-		J. Sep																

### **Sampling Log**

	Cruise	ID:	2016-06	42	Station:		P26			Event #: _	9.	2		Ship: _	Tul	ly	UTC Date (	dd mmn	nyyyy): 14 6 2016
		Sample #	Rosette C	per	ation	Sample	UBC	on / Sam									Comments		Profile type:  ROS TRM X-Niskin other?  Watchkeeper(s):
												Ī		1					
1		518	2000	V	2000		Х												Bottom Depth: 4252 m
2		519	2000	1															Transmisso Cleaned: Y / N
3		520	2000	1	,														Transmisso Cleaned.
4		521	2000	V	(000													_	Time UTC Local
5		522	1000	1	1000		X												Time         UTC         Local           Start         2159         4609
6		523	1000	1	/														Bottom 230 9
7		524	1000	l'										1					
8		525	1000	J	-50													$\dashv$	End 0026
9		526	500	1	500		Х												Decisional information
10		527	500	17											-				Positional Information
11		528	500	1								-						t	Lat: 50.0.01 N Lon: 144.59.97 W
12		529	500	V														- O	Lon: (49°) (17 W)
13		530	10	V	10		X				_							—  <sub>E</sub>	
14		531	10	1							-		-					- to	Lat: ) ( 0 ( ) ( ) N
15		532	10	V	/									_		_			Lat: 50 ° 0 0 / N Lon: (4/5 ° 0 / 0 w
16		533	10	1															
17												-							Lat: 50 ° 0.05 N Lon: (44 ° 59.95 W
18		534	4000	V	4002				ХX									"	Lon: (44° ) 9.93 W
19		535	3500	V	3499				ХX										
20		536	3000	J	3000	ļ			хх										Extra comments: out-of-order
21		537	2500	1	2500				хх										Jade and ONAr cast
22		538	2000	V	2000				хх			*							18 to 22 then 1 to 16
23																			
24																			

# Water Properties Group Sampling Log Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

	Cruise	ID:	2016-06		Station:		PA-01	0		Event	#:	9	5		Ship:	)	Tully		UTC Date (dd/m	mm yyyy	16 6	2016
Niskin #	Firing #	Sample #	Rosette C Target Pressure	Co	nfirmed Pressure	Sampl ONAr UW	Оху	Salt	DIC UW	Initials	DIC	pH IOS				100			Comments	Profile ROS		other?
1	=	539	10	V	10			¥	хх		хх	xxx							0 8			
2		540	10	V	10	хх	xx	x							745 mg	100				Bottor	n Depth: 42	30 m
3		541	5	V	5	хх	хх	x									Director of Second		. 9	Transı	nisso Cleaned:	(P) N
4		542	5	1	5	120			хx		ХХХ	xxx										
5			I HER BEL		GRADOL III			SPERMIT			an et Ma				- Control of the Cont			A second dist	V n Control con was the basis of sections as the sec	Time	UTC	
6	RE-THE																			Start	030	3 2003
7	III PART	Dayles della		IUS)		7150EX.B		<b>严坚</b> 2			0.15.15	F 9 7 9 1	enomen i	GLESUS.		CELLIZED.		6 TO 10 TO 10		Botton		
8	Visit 19		E PERCE	U.S.		POT HE	黑洲													End	0322	A Participant of
9						400			projection of								AND SE	G. Maria				
11		HEAD STREET	Children pass			THE		*1							NO COLOR				是是一位各种线相。 <b>以</b> 是一种线		onal Information	
12	100			639				2	HIN SAL							18 19		50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Lat:	144.50	74 N
13		ESTUDIO ROLL	HOUSE BOOK OF THE			UHIZIMINIU	WEEN IN IN IN			11,1311,1		100 HARRIE						100000000000000000000000000000000000000		o [Lon:	50. 1. 144. 52	
14													HISTORY.			AC TOWN		Taylor A		E i at:	50. 1	46 N
15															Description of the last		THE PERSON OF TH	S-Market St.	AND THE CONTRACT HERE AND AND AND AND AND AND AND AND AND AND	Lon:	50. 1	.76 w
16																					WEST STATE OF THE	
17													18.						0	Lat:	50. 1.	43 N
18						72.00													对对自己的 1000年1	Lon:	50 · 1	.80 w
19															9.							
20																		The state of		Extra	comments:	
21						1000000	control of	1 = 11 S Hz =		September 1	1000			Control of a	In real party			terilo (Arene		CTD to	500 m	
22				100		N. Co.										# B B				- No	oring side?	
23	WURLE	F. 154 LEV		1000							TO THE OWNER.										74	
24	期用海巴					S BB U	PER IN	Ornel I		3版研究					900					158		

### **Sampling Log**

	Cruise	ID:	2016-06		Station:		P26		-	Event	#:	96	·	_	Ship:		Tully		UTC Date (dd m	mm yyyy): <u>16   Jun  </u>	2016
Niskin #	Firing #	Sample #		Co		Sal	es Take Nut-fr	rn / Sar Fe filt	mpler's Fe unfilt	Initials Nut-C						AMERICAN No. of the	опсед	rion	Comments	Profile type: ROS TRM X-Niskin o Watchkeeper(s):	ther?
1	3	515	2000			х	х	х	x	x					3						
2	2	516	1500	H				x	х		TO SET OF						an Lo			Bottom Depth:	_ m
3	1	517	1000					x	х	×	~~- g				22	8 7	0. 241	Steen	1. The state of th	Transmisso Cleaned:	97
4				100										Mary 1					<b>第一个工程的构建和</b>		
5	HIS SWE			810			N. 30	71 - 71 - 74			e dinon	ensuniu				U-S-C-				Time UTC	
6					NEW AND A				1270											Start 94:18	<b>3</b> 1:18
7	105 (49)(6		00.8150.001		Republica III	IN HOUSE			THÉ DIS	TI. 12.4		Partin	CALES OF				Name of the last			Bottom 55.00 End 55.55	22.00
8				1937											BARAN		84124	WE DIN		End @5,55	2:55
9					STATE SEE	可調					\$ 15W		gilonja		7 H 1 H				在1000年1000年100日本		
11	HSURAIRE	HER TEHOLOGY,											Direction of the last			Alicilabil	Service Control		自由的 10 年 中央 12 上次 自由作品的 14 年	Positional Information	<b>Z</b>
12						State Like						Single St		18113						Lat: 50° • 00.6	O W
13										- HEALTH							A CONTRACTOR OF THE PARTY OF TH			V Lon.	
14																		100		E Lat: 49 • 59.9	9 N
15																		LA	-7-	E Lat: 49 • 59. 9 Lon: 145 • 00. 8	6 w
16																		2	<b>第二个对象的现在分</b>	Y	
17	All Control Control	ale og ales	ACC	ribani.	A. 15			100 100 65	133	La Serva Liver I		Translat & a	in all the same	5-		1.35		32	N	Lat: 49 • 59 9 Lon: 145 • 00 Z	_ N
18																1110				Lon: 145 . 00 2	<b>5</b> w
19	10020			60					HARLEY I	Marie Co.			Constant of the Constant of th								
20	15 8 15		<b>新學教室 20</b>		[20]	11.540					1 / 23	British .			1002		Constant		医唇管 医初期自然海绵 的复数	Extra comments:	
21	Teleson				KEN TUNK			1 7 3 8				1877	(F) (B)		TO THE E		(i - 150)			Go-flo 2000	
23	20 2 7 B	All the second				enents	Amir Suk								200 000	asiles in		(S-1)#-			
24																	5 P. CO.			#	

### **Sampling Log**

	Cruise	ID:	2016-06	ē.	Station:		PA-00	9		Event	#:	97			Ship:		Tully		UTC Date (dd mi	nm yyyy): <u>//</u>	JUN	2016
			Rosette O			Sampl			npler's	Initials			吸流物				W. France		Comments	Profile type:		
	Firing		Target	Co	nfirmed	ONAr		Salt			x 83	77.5			1	1.75	. The life	3 1905	310 4.06.3	ROS TRM	X-Niskin	other?
#	#	#	Pressure	٧	Pressure	UW	UW	UW	811	Literative	2467				- i	rear-	нисер	r(s);		Watchkeeper(	s): Ma	
1		543	10	1	10	хх	хx	х			1 0							J IEE				
2		544	5	7	5	хх	хх	x	報源							Soft	2016	er		Bottom Depth:	+22	m
3	er.		THE PARTY			ło			346	HEAR-	- Şun	pp.	E			Trav	samear	Cidam	4: N N N 1	Transmisso C	leaned:	(Y) / N
4				羅																		
5		Ťí			at				it.					^				- 1		Time	UTC	Local
6				響																Start		06 40
7													13						Ž.	Bottom	1348	
8																				End	1.358	
9																						
10				薩												IME				Positional Info		
11																				Lat: 50		
12													100		1980					Lon: 144	• 52.	20 w
13											1					-	and the same of	V	The state of the s	是自由各种。这		
14						7425										WANT.				E -	0 07.8	
15											X.			,5 -		Liga		C C	97	Lon: 144	0 52.2	21 <b>w</b>
16			SEE N					<b>漫</b> 題										文			V	
17			3/2				2		200		1/	No. of the last of	17-14 (10 (10 (10 (10 (10 (10 (10 (10 (10 (10	N.L		itat	Considera	ō.	Maria de la companione	Lat: 50	• 07.8	} 0 N
18											Mark.					34827		2	<b>为自己的</b>	Lon: 144	• 52, 2	24 w
19	PERSONAL PROPERTY.			Allen			A STATE OF THE STA	No.		Makara		OF SCHOOL SEC	Total Marie		Jacker July	and the Arguni		Alle Augus				
20				師				聖禮			79						No.	ants:		Extra commer	nts:	
21		entere to colons	tion and the	101200			uano in en		BURNLANDSHIP	anson early upon	HILDROUSEN			RESIDEN				TITIONIZIONI		CTD to 500 m		8
22											THE ST					4 35 7			<b>新国的基础</b>	· · · · · · · · · · · · · · · · · · ·		
23	Name and a	No. 50 - William	-					TOTAL STREET			To all Company	Del Taga Control		No. of Concession, Name of Street, or other Designation, Name of Street, Name	(silo)mism	Marie Marie	No.	No. of the second				
24				歷										2 2 2			500	- Balling		No.		

### **Sampling Log**

	Cruise		2016-06	-	Station:					Event		105	5		Ship:		Tully		UTC Date (dd m	mm yyyy): 19   JUN   2016
Niskin #	Firing #	Sample #		Co	ration nfirmed Pressure	Sal	les Take Nut-fr	en / Sar Fe filt	npler's Fe unfilt	Initials Nut-C									Comments	Profile type:  ROS TRM X-Niskin other?  Watchkeeper(s): AR / HM
1	3	545	400			х	х	×	х	х							<u> </u>		¥	
2	2	546	200					×	X										是	Bottom Depth: / 326 m
3	1	547	100	59544			Transition of	X	x			A National	1	DOUBLE DAY	a annual terms				2	Transmisso Cleaned: Y / N
4															THE SE					
5 <b>6</b>				201			Spiles I			No. of the	CONTRACTOR OF THE PARTY OF THE			Separation of the last of the	Fig. RT & E	AND REAL PROPERTY.			CONTROL CONTROL SERVICE	Time UTC Local
7				(4:370)															<b>海市有理学等新科的理点</b> 的	Start 08:35 01:35
8																	THE REAL PROPERTY.			Bottom 08:50 01:50
9							The Inches				(SEASON STOP	010 - 2111 - 2	(2004ASHISSE	1000 1007 217						End 09:03 02:03
10														TO BE A						Positional Information
11		Siconomic and																		
12												重新			胸髓					Lat: 48° 3899 N
13			AND STREET	(02)	INCOMES INCOME.	Lighteniu	newnood a	NUMBER OF	aforeki ivon	nie Awa		Control on	10 Kaladia	00000000	Nation of the last	and the second second	Antonesia	Maria Cara Cara Cara Cara Cara Cara Cara		
14		Karring.								130		SEE ALS					6150000			Lat: 48 • 38.92 N Lon: 126 • 39.91 W
15 16		MINAGE	SIEATES.				15/5	W. Louis						7070		and a last		THE NEWS	NEW SECURIOR OF THE PARTY.	Lon: 126 • 59.91 w
17	OULSEN HOUSE			Contract of			PO EFFIC	MARINE		MAH DEN	NOTE: NO	100 110	) 150/842				DRUGG	ALL ALL		18 28 62
18										<b>AND ME</b>					NEWS IN	a-kilife				Lat: 48 • 38.83 N Lon: 126 • 39.84 W
19							100000000000000000000000000000000000000						THE REAL PROPERTY.	Dilletoning	Print sprinkly	EQUAL STATE	NAME OF THE OWNER, OWNER, OWNE	\$50H9275	是可以中华的人们是对这个大学的	Lon: W
20																				Extra comments:
21	HE LOWER THAT			-	34 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1	1														P4-return
22																	為製造			Deep go-flo
23		FL MIN			de professional	EMPLOYED	175.5E078		ARTHUR BERN	Bell South				The same and the	na sauna	ancort-te-				
24							Parties.			200		Shurry.				100	Sale			

### **Sampling Log**

Cruise ID:		2016-06			P4				Event #:			100				Tully		UTC Date (dd[mmm yyyy):					
	Firing	Sample		Co	nfirmed			en / Sar Nut-C				Paw16			THE CASE	18 34			Comments	Profile			
#	#	#	Pressure	V	Pressure															Table 1		d.m.	
1		548	Bot-10	$\sqrt{\ }$	(1325	х	х	х				х				3							
2		549	1000	1		x	x	×	X			×								Bottom	Depth:	327 m	٦
3		550	800	$\checkmark$	/	хх	х	х	хх		4	x							:	Transn	nisso Cleaned	I: <i>🔞 I</i>	N
4		551	600	V		x	x	X	X			x				號運							
5		552	400	٧	ANZEO DE LIES	X	хх	хх	(Salutring)		(CANIMITED)	15011033103		II HOOLUGE						Time	UTO		
6		553	300	1		X	X					x								Start	691	M 222	4
7		554	200	7		X	X		200 TA	) (N. II. (N. H.	91 EH		III SHINII	11 10 25				PRESERVE		Bottom			4
8		555	150	1		x	Х			4113125		X								End	10 0	# Harrison	Measure 6
9	No.	556 557	100	1		XX	X Projecti	CF. Un		Name of	State	Tours III						Stanfin					
10 11	anie inie	558	75 50	1	建工業別的組	X	X	(minimal)	25/03/11	X		X							<b>这种的</b> 医斯特特氏病	Positio	nal Informatio	n 97	
12		559	25	1		x	x			x		X			Will May					Lat:	48 . 3	0.00	N
13	0	560	10	1	(SE MINISHERINES)	X	xx	at 8 curon juga		X	хх	A 100			(municular)	Exercise.	SECTION .			Lon:	126		W
14		561	5	1		×	x		×	×		x				MEN				E Lat:	48 . 3	3.37	N
15																Carl Carl Ball	BARBACHTS			Lon:	48 · 3	1.93	w
16																					V		
17																			2	Lat:	48 . 38	3.77	N
18		看出编																		Lon:	48 · 38	1,73	w
19	sanisalisani	omer-residen		NO.	TO SHOW THE PARTY OF THE PARTY			Settle School			Control of the Control												
20																	<b>海底部</b>			Extra c	omments:		
21			No. of the Land			100000		16 10 100	SSERVED II	The Second	774550					CONTRACTOR OF THE PARTY OF THE	7050-017		Enterface to the perfect of the second	P4 retu	rn		1000
22	i Despi										Tree Co				Name					Loop fo	or Chix2 and S	alx1	
23						Entrement.	ALC: NO		NE EN	NISHESE.	(SHOP IN STREET						F-9-15-11-1			Oxy La	b x2, Oxy Tr x	2	1000
24		ton 6.50						制品版				RY WE					9-10-61			<b>AND TO SERVICE</b>	<i>2</i>		1

### **Sampling Log**

	Cruise ID:		2016-06	_	Station:	P4				Event #:			107		Ship:		Tully		UTC Date (dd mmm yyyy): 19 15016		
Niskin #	Firing #		Rosette C Target Pressure	<b>Dera</b> Cor	ation nfirmed	Samp			right Fe unfilt	Initials Ligs		PARSA.							Comments	Profile type: ROS TRM X-Niskin other? Watchkeeper(s): AC / HM	
1	3	562	40			х	х	х	x	xxxx	101000	Karata	hain mil	WILESPE Z			and the same of	No.			
2	2	563	25					x	х	ALC: N				<b>阿斯</b>						Bottom Depth: 132 m	
3	i.	564	10		-			xx	xx					ESSUE DE SESSE	CORD-HOLDON		Rus Back	E-12/100	ESTATION OF THE PROPERTY OF THE PARTY OF THE	Transmisso Cleaned: Y / N	
4																					
5					×					72			91							Time UTC Local	
6																				Start 3 10:25 63:25	
7																- 2 BB		None Death	Continues and the second	Bottom 3 44 8 44	
8																				End 9.49 3.49	
9																					
10																				Positional Information	
11																				Lat: 48 • 38.84 N Lon: 12 6 • 39.99 W	
12							7,6						Mary							b Lon: 126 39.99 w	
13																					
14																				Lat: 48 88:81 N Lon: 126 59:97 W	
15																			a s	M Lon: 126 9997 W	
16																	199				
17											2								A)	Lat: 48 9 38,80 N	
18																				Lat: 48 38.80 N Lon: 126 39.98 W	
19	Lanca Agrossa	2mi April 1000	COMPANION																	<b>对对种情</b> 不可能。	
20				100							75/9									Extra comments:	
21																				P4-return	
22						1000								783						Shallow go-flo	
23	qualitate		r Start Line H	NAME OF TAXABLE PARTY.																190	
24								GRU			Smith										