Type & SN S	SBE 19 s/n 650	N. Bro	N. Brown #1150							
	194208-650	s/n 01-1172	-1172							
Consc Cast # Lat		Lon	Date:day/mo/yr	Time (GMT) Dry bulb	Dry bulb	Wet Bulb	Press (mb) Sea State	Sea State	≦ Sis	
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			Wind Dir/Speed		Cloud Amt	Туре	Weather	Bottom Depth		Sta.Name/ID
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Pos. Tr	Trip Depth		CTD Converted	CTD Converted Monitor Values		Sample Bottle Data	ttle Data	Sample Bottle Number	te Nur	nber
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SBE 19 s/n 650 N. Brown #1150 State Vis State	Type & SN	Press SN	Consc Cast #	CTD003							Pos.)	1 6	4	თ	တ	7	œ	ဖ	10	=	12
Project & Leg PK-98-01 Station Designation CrD 2 2 1 N. Brown #1150 N. Brown #1150 Sea State Vis In Date day/molyr Time (GMT) Dry bulb Wet Bulb Press (mb) Sea State Vis In Sea State Vis Sea State Vis Sea State Vis In Sea State Vis Sea State Vis Sea State Vis In Sea State Vis Sea State Vis Sea State Vis Sea State Vis Sea State	ssor Kaganovsky SBE 19 s/n 650	194208-650		95						,	Trip Depth		125	77	12	7	. 20	~	0				
t & Leg PK-98-01 Station Designation CrD 2— 2—1 m #1150 Wet Bulb Wet Bulb Press (mb) See State Vis \$\left(\frac{1}{2}\frac{4}{2}\frac{8}{2} \frac{1}{2}		S	S	169 2			- Control of Control o				1:	Pressu								, .			
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Sea State Vis Sta. Nan 135 m CTD Max De Ir bleed Valve Sal. Nut. Chl. Sal. Table	ination CTD			.!	Weather		Remark	•	Cleaned		e Bottle Data	Salinity										•	-
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				Mand v p					Nut. Chl.	Vumber				200000	Sta. Name/ID	St. Name in				Page
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Vessel Profe	Vessel Professor Kaganovsky		Project & Leg PK-98-01	The state of the s	Stati	Station Designation	h-4	4-650	P	Page Oof 50
Type & SN	SBE 19 s/n 650	Z Z	N. Brown #1150						- Angere	a should be
Press SN	194208-650	s/n 0	s/n 01-1172							1 +4-84 hab -
Consc Cast #	Lat	Lon	Date:day/mo/yr	Time (GMT)	Dry bulb	Wet Bulb	Press (mb) Sea State		∀is	
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			Wind Dir/Speed		Cloud Amt	Туре	Weather	Bottom Depth	pth Sta.Name/ID	ð
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							Remarks		Max Depth	-0
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Pos.	Trip Depth		CTD Converted Monitor Values	Monitor Values		Sample Bot	e Bottle Data	Sample Bo	Sample Bottle Number	
		Pressure	Pri. Temp	Sec. Temp	Salinity	Salinity	nity	Sal.	Nut., Chl.	
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Type & SN SBE 19 s/n 650 N. Brown #1150 Press SN 194208-650 s/n 01-1172 Consc Cast # Lat Lon Date:day/mo/yr 8/98 0736 7/0 CONSC Cast # Lat Lon Dete:day/mo/yr 8/98 0736 7/0 Wind Dir/Speed Cloud Amt Type Weather Bottom Depth 090/10 Craback S6 30.03r 16.9 28,45 8/90/10 Cleaned Air bleed Valve
194208-650 s/n 01-1172 st # Lat Lon Date:day/mp/yr Time (GMT) Dry bulb Wet Bulb 56 3ののか 以 970/10 with Date:day/mp/yr Time (GMT) Dry bulb Wet Bulb 7,0 Wind Dir/Speed Cloud Amt Type
Let Lon Date:day/mp/yr Time (GMT) Dry bulb Wet Bulb S6 30/000 169 28,454 8/9/98 0736 7,0 Wind Dir/Speed Cloud Amt Type 090/10
56 3ο/ομν 169 28,4\$ψ 8/9/98 0736 7,0 Wind Dir/Speed Cloud Amt Type 090/10
Wind Dir/Speed Cloud Amt Type Weather 090/10 Remarks Cleaned Air
Remarks Cleaned Air bleed Valve
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Cleaned Air bleed Valve
Pos. Trip Depth CTD Converted Monitor Values Sample Bottle Data Sample Bottle Number
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Type & SN	SBE 19 s/n 650		N. Brown #1150	the form of the field of the fi	Angly de task talls of selected well selected to be talled to be talle			*****		
Press SN	194208-650	s/n 0	s/n 01-1172							Statute State Stat
Consc Cast #	Est.	Lon	Date:day/mo/yr	Time (GMT) Dry bulb	Dry bulb	Wet Bulb	Press (mb)	Press (mb) Sea State Vis	≤is	
GDO07	56 340 2	169 29.08 W	SP 19/98		۵,۲			07-09 m		
	Ç		Wind Dir/Speed		Cloud Amt	Туре	Weather	Bottom Depth		Sta.Name/ID
			01/080		And the second s			79 m		CT0 007
							Remarks	NO BOTTLES		Max Depth
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	Trip Death		CTD Converter	Monitor Value		Sample Ro	Cleaned A	Cleaned Air bleed Valve		
Pos.	Trip Depth	Pressure	CTD Converted Pri. Temp	CTD Converted Monitor Values Pri. Temp Sec. Temp	Salinity	Sample Bo	e Bottle Data Salinity	Sample Bottle Number Sal. Nut. Chl.	Nut. Chl.	umber Chl.
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Type & SN	SBE 19 s/n 650	N. Bro	N. Brown #1150				**		
Press SN	194208-650	s/n 01	s/n 01-1172		The second secon		1,00-4,000,0-2,02,0	7	
Consc Cast #	Lat	Lon	Date:day/mo/yr	Time (GMJ)	Dry bulb	Wet Bulb	_	Press (mb) Sea State Vis	8.
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							Cleaned Ai	<u> </u>	
Pos.	Trip Depth		CTD Converted Monitor Values	Monitor Value	<i>G</i>	Sample B	e Bottle Data	Sample Bottle Number	Number
		Pressure	Pri. Temp	Sec. Temp	Salinity	တ္သ	Salinity	Sal.	Nut. Chl.
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Type & SN	SBE 19 s/n 650		N. Brown #1150	n #1150							
Press SN	194208-650		s/n 01-1172	172							
Consc Cast #	声	2)ate:dav/mo/vr	Time (GMT) Drv bulb	Do bulb	Wet Bulb	Press (mh)	Press (mh) Sea State Vis		
CTD009		169	3 8,25	8/9/98	0905	7.0			0,40.7 m		
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	to be and infrared.										29
	A							Cleaned Ai	Cleaned Air bleed Valve	-	
Pos.	Trip Depth			CTD Converted Monitor Values	Monitor Values		Sample Bottle Data	ottle Data	Sample Bottle Number	le Numb	<u>-</u>
		Pressure	sure	Pri. Temp	Sec. Temp	Salinity	တ္တ	Salinity	Sal.	Nut. Chl.	
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Type & SN	SBE 19 s/n 650	Z. B	N. Brown #1150	 						p.a p.m.	
Press SN	194208-650	s/n 0	s/n 01-1172	66-1-18 (10-19) Alle (1-1-48) Hille (10 (10 (10 (10 (10 (10 (10 (10 (10 (10		and the second s				1	
Consc Cast #	Lat	Lon	Date:day/mo/yr	Time (GMT) Dry bulb	Dry bulb	Wet Bulb	Press (mb)	Press (mb) Sea State	√ is		
010010	10019N	169 42,784	86/6/01 m	0331	2,7		,				
			Wind Dir/Sp		Cloud Amt	Type	Weather	Bottom Depth		Sta.Name/ID	ס
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Type & SN	SBE 19 s/n 650	Z	N. Brown #1150							
Press SN	194208-650	s/n	s/n 01-1172							
Conec Cast #	<u>\$</u>	3	Date:daw/moker	Time (GMT) D		Wet Builb	Press (mh) Sea State		Vie	
CT0011	37,26	114 671	86/6/01 31	0409 7.5	7.5		13:8			
			Wind Dir/Speed		Cloud Amt	Туре	Weather	Bottom Depth	th Sta.Name/ID	J
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							Cleaned Air	Cleaned Air bleed Valve	\	
Pos.	Trip Depth		CTD Converted Monitor Values	Monitor Values		Sample Bo	le Bottle Data	Sample Bottle Number	tle Number	
		Pressure		Sec. Temp	Salinity	Sa		Sal.	Nut. Chi.	
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Vessel Profe	Vessel Professor Kaganovsky		Project & Leg PK-98-01	3	Stati	Station Designation	ion C-S			Page_of
Type & SN	SBE 19 s/n 650	N. Bro	N. Brown #1150							
Press SN	194208-650	s/n 01-1172	-1172							
Consc Cast #	ᅙ	- Fo	Date:day/mo/yr	Time (GMT) Dry bulb	Dry bulb	Wet Bulb	Press (mb) Sea State Vis	Sea State	∠ is	
CT9012	56 54.85	169 40,09	80,094 10/9/98	-	7,0			2-2.5m		
			Wind Dir/Speed		Cloud Amt	Туре	Weather	Bottom Depth		Sta.Name/ID
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Pos.	Trip Depth		CTD Converted Monitor Values	Monitor Values	4	Sample Bo	le Bottle Data	Sample Bottle Number	ottle Nu	umber 6
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Type & SN	SBE 19 s/n 650	z	N. Brown #1150					a.		
Press SN	194208-650	s/n	s/n 01-1172							
Consc Cast #	# Lat	Lon	Date;day/mo/yr	Time (GMT)	Dry bulb	Wet Bulb	Press (mb)	Press (mb) Sea State	≦ is	
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			Wind Dir/Speed		Cloud Amt	ype	Weather	Bottom Depth		Sta.Name/ID
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							Remarks	20 - Jos	te Max	Max Depth
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Pos.	Trip Depth		CTD Converted Monitor Values	Monitor Value	Ö	Sample Bottle Data	ottle Data	Sample Bottle Number	tle Numbe	Φ.
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Lat Lon Date:day/mo/yr Time (GMT) Diy bulb \$6		194208-650	s/n	s/n 01-1172		alleg in Aparting				
Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Salinity	Consc Cast #	Lat	Lon	Date:day/mo/yr	Time (GMT)	Dry bulb	Wet B	튱	튱	ulb Press (mb) Sea State Vis
Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Salinity			169	85/5/01 MO		7.0	1			
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Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Salinity									ade summer of sa	
Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Salinity								7,	Remarks	Remarks
Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Salinity									- 4-Brailee Palester	
Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Salinity So							1-	Ç	Cleaned Air	Cleaned Air bleed Valve
Pressure Pri. Temp Sec. Temp Salinity		Trip Depth		CTD Converted	Monitor Values		လ္မ	mple Bottle	Sample Bottle Data	mple Bottle Data Sample Bottle Number
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Type & SN	SBE 19 s/n 650	Z	N. Brown #1150							
Press SN	194208-650	s/n	s/n 01-1172							0 0 0 0 0 0 0 0
Consc Cast #	Eat	Lon	Date:day/mo/yr		Dry bulb	Wet Bulb	Press (mb)	Press (mb) Sea State	≤is	
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	- 1		Wind Dif/Speed		Cloud Amt	Туре	Weather	Bottom Depth		Sta.Name/ID
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							Remarks			Max Depth
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			,			eren den	Cleaned Air	Cleaned Air bleed Valve	е	
Pos.	Trip Depth	,	ဌ	Monitor Value		Sample Bo	le Bottle Data	nple Bo	ttle Nu	ımber
		Pressure	Pri. Temp	Sec. Temp	Salinity		Salinity	Sal.	Nut.	CH.
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Type & SN SBE 19 s/n 650 N. Brown #1150 See State Vis	Vessel Profe	Vessel Professor Kaganovsky	Project & Leg PK-98-01	2	Stati	Station Designation	On .		Page of 66
Lat Lon Date:day/motyr Time (GMT) Dry bulb Wet Bulb Press (mb) So א לפיל ליים ליים ליים ליים ליים ליים ליים	Type & SN	SBE 19 s/n 650	N. Brown #1150						
Lat Lon Date:day/mo/yr Time (GMT) Dry bulb Wet Bulb Press (mb) 56 36 65 N 169 3477 Wind Dir/Speed Cloud Amt Type Weather 310/6 Trip Depth CTD Converted Monitor Values Sample Bottle Data Pressure Pri. Temp Sec. Temp Salinity Salinity 6 6 7 7 7 7 8 8 8 8 8 8 8 8 9 9 9 9 9	Press SN	194208-650	s/n 01-1172						
S6 36 65 169 Yan 10 99 Wind Dir/Speed Cloud Amt Type Weather 310 16	Consc Cast #	壐	Date:dav/mo		v bulb	Wet Bulb	Press (mh)	444	
Wind Dir/Speed Cloud Amt Type Weather 31.0/16 Remarks Trip Depth CTD Converted Monitor Values Sample Bottle Data Pressure Pri. Temp Sec. Temp Salinity Salinity	CTD 016	56 36 1051	16/01 MICH 69	_	7.0		, (cin)	-	N.
Trip Depth CTD Converted Monitor Values Sample Bottle Data Pressure Pri. Temp Sec. Temp Salinity Salinity 30 00 00 00 00 00 00 00 00 00 00 00 00			Wind Dir/Sp		Cloud Amt	Type	Weather	Bottom Depth	Sta.Name/ID
Trip Depth CTD Converted Monitor Values Sample Bottle Data Pressure Pri. Temp Sec. Temp Salinity Salinity 20 20 20 20 20 20 20 20 20 20 20 20 20			1				1	200	070016
Trip Depth CTD Converted Monitor Values Sample Bottle Data Pressure Pri. Temp Sec. Temp Salinity Salinity 26 10 10 10 10 10 10 10 10 10 1							Remarks		Max Depth 3 Q
Trip Depth CTD Converted Monitor Values Sample Bottle Data Pressure Pri. Temp Sec. Temp Salinity Salinity O							Cleaned Air	bleed Valve V	
Pressure Pri. Temp Sec. Temp Salinity Salinity	Pos.	Trip Depth	CTD Converted	Monitor Values		Sample Bo	ttle Data	Sample Bottle N	lumber 🕉
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Vessel Professor Kaganovsky	(aganovsky	Project & Leg PK-98-01	PK-98-01	Stati	Station Designation	ation C-	2	Page	of ob
Type & SN SBE 19 s/n 650	s/n 650	N. Brown #1150							
Press SN 194208-650	-650	s/n 01-1172			4115				
Consc Cast Lat	Lon	Date:da _\	/mఁTime (GM-ն)ry bulb	Wet Bul Press	\frown	ml Sea Stat Vis		
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		Wind Dir	/Speed	Cloud Amt	Type	Weather	Bottom Depth Sta.Name/ID	Sta.Name/ID	1
		320	14/0				65 ~	1-04	
						Remarks		Max Depth	57m
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				-		Cleaned /	Cleaned Air bleed Valve	7	Average designation of the second of
Pos. Trip Depth	pth	CTD Conve	CTD Converted Monitor Values	lues	Sample	Bottle Dat	Sample Bottle Dat Sample Bottle Number	Number	
		Pressure Pri. Ter	Pri. Temp Sec. Temp	Salinity	Sal	Salinity	Sal. Nut. Chl	Chl.	
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Vessel Profe	Vessel Professor Kaganovsky	Projec	Project & Leg PK-98-01	33	Stat	Station Designation	on C-)		Page of 65
Type & SN	SBE 19 s/n 650	N. Bro	N. Brown #1150		+					
Press SN	194208-650	s/n 01-1172	-1172				***			
Consc Cast #	Lat	Lon	Date:day/mo/yr	Time (GMT) Dry bulb	Dry bulb	Wet Bulb	Press (mb) Sea State		Υis	
1-14	87.06.6 N	169 928 w		45,60	7.0			2.0 ~		
			Wind Dir/Spec		Cloud Amt	Туре	Weather	Bottom Depth	oth Sta.Name/ID	ē/D
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Pos.	Trip Depth		CTD Converted Monitor Values	Monitor Value	o	Sample Bo	le Bottle Data	Sample Bo	Sample Bottle Number	
4		Pressure	Pri. Temp	Sec. Temp	Salinity		Salinity	Sal.	Nut. Chl.	
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Vessel Profes	Vessel Professor Kaganovsky		Project & Leg PK-98-01		Stat	Station Designation	ion 8-2	(-	Page of 66
Type & SN	SBE 19 s/n 650		N. Brown #1150							
Press SN	194208-650		s/n 01-1172			1000				
Consc Cast #	Lat	- Con	Date:day/mo/yr	Time (GMT)	Dry bulb	Wet Bulb	Press (mb) Sea State		≦ is	
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		. 1	Wind Dir/Speed		Cloud Amt	ype	Weather	Bottom Depth	th Sta.Name/ID	ë
			320/4					111		919
							Remarks		Max Depth 10	h /03
Pos.	Trip Depth		CTD Converted Monitor Values	Monitor Value	A S	Sample R	le Rottle Data	Sample Rottle Number	le Number / O	
		Pressure	-	Sec. Temp	Salinity	တ္ဆ	Salinity	Sa	Nut Chi	
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Vessel Profes	Type & SN Press SN	Consc Cast #	CT0020			Pos.	N→	ω4	က တ	. ~	5 %	11 12		2.	9
Vessel Professor Kaganovsky	SBE 19 s/n 650 194208-650		8 500/2			Trip Depth	70	500	400	300	00	10	0		
			170 %.534			Pressure									
Project & Leg PK-98-01	N. Brown #1150 s/n 01-1172	Date:day/mo/yr	Wind Dir/Speed										5000		
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Statio		Dry bulb	Cloud Amt			Salinity									
Station Designation		Wet Bulb	Туре			Sample Bottle Data Salinity									
on B-3		Press (mb)	Weather	Remarks	Cleaned A	Salinity					añ.				
		Press (mb) Sea State Vis	Bottom Depth		Cleaned Air bleed Valve	Sample Bottle Number Sal. Nut. Chl.		191	21		21	2197			
الو _Page			Sta.Name/ID	Max Depth /		it. Chl.	202	2200	2199	1	2198	1		*	
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											Pressure						3.79	Lon	s/n 01-1172	N. Bro	Projec
											Til. Temp	CTD Converted Monitor Values			41012	Wind Dir/	86/6/21	Date:day/mo/yr	1172	N. Brown #1150	Project & Leg PK-98-01
											Sec. Temp	Monitor Values					0236	Time (GMT) Dry bulb			
						and a second distance of the second s					Salifity					Cloud Amt	7.0	Dry bulb			Static
æ											Salliny	Sample Bottle Data	C	20		Type W		Wet Bulb Pr			Station Designation
		9.							***************************************				leaned Air	Remarks		Weather		ress (mb)			13-
*				4.							oal.	ple Bo	Cleaned Air bleed Valve		97	Bottom Depth	.7-60 m	Press (mb) Sea State Vis			4
			2203	2201	, \	1	Sott	2206	2207	0.0000000000000000000000000000000000000	22.08	tle Number	1	Max Depth	37-	th Sta.Name/ID		Vis			. Pg
														h 9/		ð					Page of 66

/essel Profes	Vessel Professor Kaganovsky	Projec	Project & Leg PK-98-01	X	Stati	Station Designation	9		Page
	-	-				į			
Type & SN	SBE 19 s/n 650	N. Bro	N. Brown #1150						
Press SN	194208-650	s/n 01-1172	1172				Tourish to have		
Consc Cast #	<u> </u>	Lon	Date:day/mo/yr	Time (GMT)	Dry bulb	Wet Bulb	Press (mb)	Press (mb) Sea State Vis	Vis
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	- i	-	Wind Dir/Speed		Cloud Amt	Туре	Weather	Bottom Depth	m
		-	310/4					79 m	55-
							Remarks		Max Denth
							, , , , , , , , , , , , , , , , , , ,		
		- 				,	Cleaned Ai	Cleaned Air bleed Valve	
Pos.	Trip Depth		CTD Converted	CTD Converted Monitor Values		Sample Bottle Data	ttle Data	Sample Bo	Sample Bottle Number
	and the second of the first of the second	Pressure	Pri. Temp	Sec. Temp	Salinity	Sa	Salinity	Sal.	Nut. Chl.
_	7/								2214
2	60							**	1213
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ype & SN	Press SN	Consc Cast #	CT0 023				Pos.	.	2	ω	n 4	တပ	7	00	10 eq	11	12
Type & SN SBE 19 s/n 650	194208-650	Lat	57 00.3 N				Trip Depth	2.7	6	ON	30	000	0				
	s/n (Lon	170 18.8W					Pressure	24				5-100	4			
N. Brown #1150	s/n 01-1172	Date;day/mo/yr	W 12 9 98	310/4			CTD Converted Monitor Values	Pri. Lemp) . 31			
	land of	Time (GMT)	0429				Monitor Value	Sec. Temp		+							****
		Dry bulb	9,0				Se	Salinity									=5%
		Wet Bulb	Two	1382			Sample Bottle Data	Q.						3.			
		Press (mb	Weother		Remarks	Cleaned A	ottle Data	Salinity									
		Press (mb) Sea State Vis	Bottom Denth	7/ 00		Cleaned Air bleed Valve	Sample Bottle Number	val. Nut.	2218	22-17	2	7.4	2215				***
			Sta Name/ID	56-1	Max Depth 6		Number	CZ.	ac.	1	,	1	1	u			

Lat Lon Date:day/mo/yr Time (GMT) Dry bulb 57 61.57 N 170 K.45 N 12 9 98 OS 10 8.0 Wind Dir/Speed OS 10 Cloud Amt 330/4 Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Salinity 30 30 30 30 30 30 30 30 30 30 30 30 30	Lat Lon Date:day/mo/yr Time (GMT) Dry bulb 57 61.57 N 170 16.55 H 12 9 98	Lat Lon Date:day/mo/yr Time (GMT) Dry bulb \$7 51.57 N 170 K.45 Wind Dir/Speed \$25 10 Cloud Amt \$3.50 Y \$3.00 Y	Lat Lon Date:day/molyr Time (GMT) Dry bulb \$7 81.97 N 170 14.45 P 12 9 8	Lat Lon Date:day/molyr Time (GMT) Dry bulb 57 a2.57 v 170 lk./5 v 12 9 98	Type & SN Press SN	Type & SN SBE 19 s/n 650 Press SN 194208-650	s/n	N. Brown #1150 s/n 01-1172	0							
Wind Dir/Speed OS 10 Cloud Amt 330 4 Cloud Amt 330 4 Cloud Amt 330 4	Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Salinity So Jo Jo Jo Jo Jo Jo Jo Jo Jo	Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Salinity	Trip Depth CTD Converted Monitor Values Pri. Temp Sec. Temp Salinity	Trip Depth CTD Converted Monitor Values Pri. Temp Sec. Temp Salinity	nsc Cast #			Date:day	y/mo/yr	Time (GMI	「) Dry bulb	Wet Bulb			Press (mb) Sea State	
Trip Depth CTD Converted Monitor Values SO YO 30 20 10	Trip Depth CTD Converted Monitor Values Pri. Temp Sec. Temp Salinity So So So Jo	Trip Depth CTD Converted Monitor Values Pri. Temp Sec. Temp Salinity So Jo Jo Jo Jo Jo Jo Jo Jo Jo	Trip Depth CTD Converted Monitor Values Pri. Temp Sec. Temp Salinity 50 90 30 30 30 6	Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Salinity	CT0024	02.57 N		Wind Di	ir/Speed	01 50	Cloud A	vmt Type		Weather		w 0
Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Salinity 30 30 10 10 10 10 10 10 10 10 10 10 10 10 10	Trip Depth CTD Converted Monitor Values So Yo 30 20 10 10 10 10 10 10 10 10 10 10 10 10 10	Trip Depth CTD Converted Monitor Values Pri. Temp Sec. Temp Salinity 30 30 30 30 30 30 30 4.	Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Salinity 50 50 70 30 30 30 6	Trip Depth CTD Converted Monitor Values Prissure Pri. Temp Sec. Temp Salinity 30 30 30 30 30 30 30 40 40 40				350	410						95	58
Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Salinity 30 30 10 10 10	Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Salinity	Trip Depth CTD Converted Monitor Values So Yo 30 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Trip Depth CTD Converted Monitor Values So Yo 30 30 30 30 30 30 30 40 50 60 60	Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Salinity 30 30 30 30 6									1	Remarks	Remarks	Remarks Max Depth
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Pressure Pri. Temp Sec. Temp Salinity % 30 30 10 70 70	Pressure Pri. Temp Sec. Temp Salinity 90 30 30 10 10 9	Pressure Pri. Temp Sec. Temp Salinity % 30 30 10 10 9	Pressure Pri. Temp Sec. Temp Salinity 50 70 30 70 70 70 70 70 70 70 7	Pressure Pri. Temp Sec. Temp Salinity 50 50 30 30 70 70 70 70 70 70 70 7	Pos.	Trip Depth		CTDC	onverted	Monitor Valu				npie Bottle Data	e Bottle Data	e Bottle Data
%0 30 76 0	30	300	300	30 30 30			Pressure	-			les	Sarr	혍		Salinity	Salinity Sal. Nut. Chl.
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					7		Thirty Charles		Тетр	Sec. Tem		Samp		Salinity	3 8 194	2722
					00	111111111111111111111111111111111111111			Тетр	Sec. Tem		Samp	1 3 1 1 1 1 1 1 M	Salinity	2 2 126	272
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12	12	12	12	12	10				Тетр	Sec. Tem		Samp	m m	Salinity	23 23 19%	2722
12	12	12	12	12	=======================================				Temp	Sec. Tem				Salinity	33 93 93	2222
					12				Temp	Sec. Tem				Salinity	23 23 23	2722 2

Vessel Profes	Vessel Professor Kaganovsky	Proje	Project & Leg PK-98-01		Stati	Station Designation		8-8	Page	o
Type & SN	SBE 19 s/n 650	N. Bro	N. Brown #1150							
Press SN	194208-650	s/n 01-1172	-1172							
Consc Cast #	Lat	Lon	Date:day/mo/yr	Time (GMT)	Dry bulb	Wet Bulb	Press (mb) Sea State		Vis	
STOOTS	57 05.87 N 170	170 H. 80W	20 98	0552 75	2,5					
No.					Cloud Amt	уре	Weather	Bottom Depth	pth Sta.Name/ID	O
			250/4					65.	1 285	
							Remarks		Max Depth	3
							Cleaned Air	Cleaned Air bleed Valve	0	
Pos.	Trip Depth		CTD Converted Monitor Values	Monitor Values		Sample Bo	le Bottle Data	Sample Bo	Sample Bottle Number	
		Pressure	Pri. Temp	Sec. Temp	Salinity	Sa	Salinity	Sal.	Nut. Chl.	
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Type & SN	SBE 19 s/n 650		N. Brown #1150						-
Press SN	194208-650		s/n 01-1172						
Consc Cast #	E Lat	E	Date:dav/mo/vr	Time (GMT) Drv bulb	Drv bulb	Wet Bulb	Press (mb)	Press (mb) Sea State	<u>~</u>
CTOOL	700	169. 55.99	9 13/9/98	1200	0.0			2.00	-
			Wind Dir/Speed		Cloud Amt	Туре	Weather	Bottom Depth	th Sta.Name/ID
			200/3					77	
							Remarks		Max Depth
									T
							Cleaned Ai	Cleaned Air bleed Valve	1
Pos.	Trip Depth		CTD Converted Monitor Values	Monitor Value	S	Sample Bottle Data	ottle Data	Sample Bottle Number	le Numb
	1	Pressure	Pri. Temp	Sec. Temp	Salinity	S	Salinity	Sal.	Nut. Chl.
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2	20							2	737
ယ	90							2	1231
4	30							7	7230
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					3	,	O	0				pt					-	19.47 N 170	l on	-650	SBE 19 s/n 650	anovsky
											Pressure							16.00		s/n 01-1172	N. Brow	Project
		-									Pri. Temp	CTD Converted Monitor Values		100000000000000000000000000000000000000		300/3	Wind Dir/Speed	13/9/98	Date:dav/mo/vr	172	N. Brown #1150	Project & Leg PK-98-01
											Sec. Temp	Monitor Values						0111	Time (GMT), Drv bulb			
7											Salinity						Cloud Amt					Statio
											Sal	Sample Bottle Data					Туре		Wet Bulb			Station Designation
											Salinity	ttle Data	Cleaned Air		Remarks		Weather		Press (mb) Sea State			on A-2
					×	/	7	0	7	N	Sal.	Sample Bot	Cleaned Air bleed Valve			73 ~	Bottom Depth					
		151			JESS J	2235/	236	237	238	239	Nut. Chl.	Sample Bottle Number			Max Depth 65	70-	oth Sta.Name/ID		∀ is			Pa
41.00															65 m		ð				- F. 1700	Page_of_

essel Profe	Vessel Professor Kaganovsky		Project & Leg PK-98-01	_	Stati	Station Designation	ion	3		Page _ of
Type & SN	SBE 19 s/n 650	N. Bro	N. Brown #1150							-
Press SN	194208-650	s/n 01-1172	-1172		â					
Consc Cast #	Lat	Lon	Date:day/mo/yr	Time (GMT)	Dry bulb	Wet Bulb	Press (mb) Sea State		∕ is	
8500L		70. 03.181	03.18 1 9 98	0184 810	8,0					
			Wind Dir/Speed		Cloud Amt	уре	Weather	Bottom Depth		Sta.Name/ID
			300/3					68		71-1
							Remarks		7	Max Depth
										60 m
							Cleaned Air	Cleaned Air bleed Valve	0	
Pos.	Trip Depth		CTD Converted Monitor Values	Monitor Values		Sample Bo	ole Bottle Data	Sample Bottle Number	tte Nur	mber 14
		Pressure	Pri. Temp	Sec. Temp	Salinity	70	Salinity	Sal.	Nut. Chl.	Chl.
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Vessel Profes	Vessel Professor Kaganovsky		Project & Leg PK-98-01	7	Stati	Station Designation	on A	h		Page_of
Type & SN	SBE 19 s/n 650		N. Brown #1150		-					
Press SN	194208-650		s/n 01-1172							
Consc Cast #	Eat	뎔	Date:day/mp/yr	Time (GMT) Dry bulb)ry bulb	Wet Bulb	Press (mb)	Sea State	Vis	
270029	57 23.48 N	•	3/9/98	0230	9.0		1029	1029 0.7 ~		5314
-	9		Wind Dir/Speed	And the second second second second	Cloud Amt	Туре	Weather	Bottom Depth	좕	Sta.Name/ID
			300/4					66 20		72-1
							Remarks			Max Depth
				1						28 m
Pos.							Cleaned Ai	Cleaned Air bleed Valve	0	-
	Trip Depth		CTD Converted	Monitor Values		Sample Bo	Cleaned Ai	bleed Valv	tie Nu	mber
	Trip Depth	Pressure		CTD Converted Monitor Values Pri. Temp Sec. Temp	Salinity	Cleanec Sample Bottle Data Salinity	Cleaned Ai ttle Data	Sample Bottle Number	e vttle Numbe	mber Chl.
	Trip Depth	Pressu		Monitor Values	Salinity	Sample Bo	Cleaned Ai Bottle Data Salinity	Sample Bo	e vittle Nu	mber Chi.
2	Trip Depth	Pressu		Monitor Values Sec. Temp	Salinity	Sample Bo	Cleaned Aittle Data	Sample Bo	e vitte Nu Nut. 0	mber Chil.
. ω Ν	Trip Depth	Pressu		Monitor Values Sec. Temp	Salinity	Sample Bo	Cleaned Aittle Data	Sample Bo	Nut.	mber Chi.
084	Trip Depth	Pressu		Monitor Values Sec. Temp	Salinity	Sample Bo	Cleaned Aittle Data	Sample Bo	ttle Nu Nut. 0	mber Chl.
σ 4 σ	Trip Depth	Pressu		Monitor Values Sec. Temp	Salinity	Sample Bo Sal	Cleaned Aittle Data	Sample Bo	e ttie Nu Nut. Nut. 1	mber Chl.
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Press SN	194208-650	s/n 0	s/n 01-1172							
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Type & SN	SBE 19 s/n 650	Z OD	N. Brown #1150							
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Type & SN	SBE 19 s/n 650	N. Bro	N. Brown #1150							
Press SN	194208-650	s/n 01-1172	1172							
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Vessel Profes	Vessel Professor Kaganovsky	Projec	Project & Leg PK-98-01		Stati	Station Designation	ion		Page	je_or 6 6
Type & SN	SBE 19 s/n 650	N. Brov	N. Brown #1150							
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Type & SN	SBE 19 s/n 650		N. Brown #1150						25	
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Lat Lon Date:day/mo/yr Time (GMT) Dry bulb Wet Bulb Press (mb) 250 371 6 127 36 7478 1438 Cloud Amt Type Weather Wind Dir/Speed Cloud Amt Type Weather Trip Depth CTD Converted Monitor Values Sample Bottle Data Pressure Pri. Temp Sec. Temp Salinity Salinity	Type & SN	SBE 19 s/n 650	.Z 	own #1150			To a				
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Vessel Profes	Vessel Professor Kaganovsky		Project & Leg PK-98-01	7	Stat	Station Designation	ion /69 -			Page 7 of 66
Type & SN	SBE 19 s/n 650	Z.	N. Brown #1150							
Press SN	194208-650	s/n C	s/n 01-1172						1	
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Type & SN	SBE 19 s/n 650		N. Brown #1150							
Press SN	194208-650		s/n 01-1172							
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							Remarks		Max Depth	
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				land and land			Cleaned Air bleed Valve	bleed Valv	e	
Pos.	Trip Depth		CTD Converted Monitor Values	Monitor Value	G	Sample Bo	le Bottle Data	Sample Bo	Sample Bottle Number 77	
		Pressure	Pri. Temp	Sec. Temp	Salinity	Sa	Salinity	Sal.	Nut. Chl.	
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Vessel Profes	Vessel Professor Kaganovsky		Project & Leg PK-98-01		Statio	Station Designation	ion			Page of 66
Type & SN	SBE 19 s/n 650	Z B	N. Brown #1150							
Press SN	194208-650	s/n 0	s/n 01-1172							
Consc Cast #	Lat	- For	Date:day/mo/yr	Time (GMT)	Dry bulb	Wet Bulb	Press (mb)	Press (mb) Sea State Vis	<u>≤</u>	
SHOGEN	57 06.57	165 0.1	86/6/91M	NO 15700	0.0		1026.0	\$ 2 \$ \$		
			Wind Dir/Speed	0304	Cloud Amt	уре	Weather	Bottom Depth	읔	Sta.Name/ID
			180/27		8/8			459 m	5	111-1
							Remarks			Max Depth
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							Cleaned Air bleed	Cleaned Air bleed Valve	æ	
Pos.	Trip Depth		CTD Converted Monitor Values	Monitor Values		Sample Bottle Data	ottle Data	Sample Bottle Number	æ e Z	umber
		Pressure	Pri. Temp	Sec. Temp	Salinity	Sa	Salinity	Sal.	Nut.	Ch).
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Press SN	194208-650	s/n 01-1172							
Consc Cast #	Lat	Lon Date:day/mo/y	Time (GMT)	Dry bulb	Wet Bulb P	ress (mb)	Press (mb) Sea State	Vis	
940 Ozo	57 01.7%	4963/ HA	1 SX	S.C.					
		!	٥	Cloud Amt	Туре	Weather	Bottom Depth	<u>₩</u>	Sta.Name/ID
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					Z)	Remarks			Max Depth
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Pos.	Trip Depth		CTD Converted Monitor Values		Sample Bottle Data	e Data	Sample Bottle Number	ttle Nur	
		Pressure Pri. Temp	Sec. Temp	Salinity	Salinity		Sal.	Nut. Cht.	~ -
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Type & SN	SBE 19 s/n 650	z	N. Brown #1150							
Press SN	194208-650	Q	s/n 01-1172							
Consc Cast #	Lat	S S	Date:day/mo/yr		Dry bulb	Wet Bulb	Press (mb)	Press (mb) Sea State	≦	
CHOON?	28.50 95	63 W	86/6/9/ 192	0735 8.0	0.2		8201	21.3		
			Wind Dir/Speed	2.1	Cloud Amt	Type	Weather	Bottom Depth		Sta.Name/ID
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							Remarks			Max Depth
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Pos.	Trip Depth		CTD Converted Monitor Values	Monitor Values		Sample Bottle Data	ottle Data	Sample Bo	ttle Nu	퓽
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	1 1			Pri. Temp	CTD Converted Monitor Values	Date:day/mo/yr	& Leg PK-98-01 n #1150 172
				Sec. Temp	Monitor Values	Time (GMT) 0919	2
		u ga		Salinity		(GMT) Dry bulb	Sta
				Salinity		Wet Bulb	Station Designation
					Pleaned Air	Press (mb) Sea State	ion
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1000	100	666		umber 24 Chi.	Max Depth 67	Sta.Name/ID	Page_

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Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Sec. Temp Sample Bottle Data Sample Bottle Data Sample Bottle Data Sample Bottle Nut. 1081 2081 2081 2083	2088 2688 2688				_
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Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp Sec. Temp Sec. Temp Sec. Temp Salinity Vert buit Fress (mb) Sea State Vis 1025 Quan Type Weather Bottom Depth Quan Quan Pressure Pri. Temp Sec. Temp Sec. Temp Salinity Sample Bottle Data Salinity Salinity 2080 2089	-7			0	တ
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Trip Depth CTD Converted Monitor Values County Dury Dury Press (mb) Sea State Vis 1025 Wind Dir/Speed 180 / 33 Cloud Amt Type Weather Bottom Depth CTD Converted Monitor Values Ver build Press (mb) Sea State Vis 1025 Whet build Press (mb) Sea State Vis 1025 Whet build Press (mb) Sea State Vis 1025 Cloud Amt Type Weather Bottom Depth Remarks Sea Carl County Press (mb) Sea State Vis 1025 Cloud Amt Type Weather Bottom Depth Cleaned Air bleed Valve Vis 1025 Cleaned Air bleed Valve Vis 1025 CTD Converted Monitor Values Sample Bottle Data Sample Bottle No. 1025 CTD Converted Monitor Values	Salinity	Sec.	Pressure		
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	Wet Bulb	-	Lon	Lat	Consc Cast #
194208-650 s/n 01-1172		1-1172	s/n 0	194208-650	Press SN
SBE 19 s/n 650 N. Brown #1150		own #1150	N. Br	SBE 19 s/n 650	Type & SN
Page or Nagariovsky Project & Leg PN-90-91 Station Designation Page or		ect or Leg LV-96-01		Vessel Professor Kaganovsky	ssel Profe

Vessel Profes	Vessel Professor Kaganovsky Type & SN SRF 19 s/n 650		Project N Brow	Project & Leg PK-98-01 N Brown #1150		Stat	Station Designation	On On			
Type & SN	SBE 19 s/n 650		N. Brow	N. Brown #1150							
Press SN	194208-650		s/n 01-1172	172						31	
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Type & SN	SBE 19 s/n 650	z	Brown	N. Brown #1150						
Press SN	194208-650	S/	s/n 01-1172	72						
					200					
Consc Cast #	Eat.	9	0	ate:day/mo/yr	Time (GMT) Dry bulb	Dry bulb	Wet Bulb	Press (mb)	Press (mb) Sea State Vis	<u>S</u>
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	-		5	/ind Dir/Speed	180 23	Cloud Amt	Туре	Weather	Bottom Depth	th Sta.Name/ID
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	Pre	pth			30.36 164	Lon	3-650	SBE 19 s/n 650	janovsky
	Pressure				15.65.697	0	s/n 01-1172	N. Brown #1150	Project (
	Pri. Temp	CTD Converted Monitor Values		/ind Dir/Speed	86/60/91	Date:day/mp/yr	172	#1150	Project & Leg PK-98-01
	Sec. Temp	Monitor Values			1939	Time (GMT) Dry bulb			
	Salinity			Cloud Amt	10.0	Dry bulb			Stati
	Sa	Sample Bottle Data		Type	(Wet Bulb			Station Designation
	Salinity	ttle Data	Remarks	Rain	1020	Press (mb)			On
	Sal.	Sample Bottle Number	Remarks SEACAT ov Salinity only Cleaned Air bleed Valve	Bottom Dep	3.5 m S	Press (mb) Sea State Vis			
	Nut. Chl.	tle Numt	3 N		5	Vis	-		
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				11	15				- 66

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Trip Depth Pressure	Vessel Profes Type & SN Press SN Consc Cast #	Vessel Professor Kaganovsky Type & SN SBE 19 s/n 650 Press SN 194208-650 Consc Cast # Lat	Proje N. Br s/n 0	Project & Leg PK-98-01 N. Brown #1150 s/n 01-1172 Date:day/mo/yr	Time (GMT) Dry bulb		<u>5</u>	n Designati Wet Bulb		ess (mb) Sea State
Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp	Consc Cast #		23:40	Date:day/mo/yr	Time (GMT)	Dry bulb		Wet Bulb	Bulb	Bulb
Trip Depth CTD Converted Monitor Values Pressure Pri. Temp Sec. Temp									Remarks No Coleaned Air	Remarks
Pressure Pri. Temp Sec. Temp	Pos.	Trip Depth		CTD Converted	Monitor Value	ਲ ያ		Sample Bo	Sample Bottle Data	Sample Bottle Data Sample Bottle Number
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Vessel Professor Kaganovsky	SBE 19 s/n 650 194208-650	Ē	16.53					Trip Depth	88						
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Project & Leg PK-98-01	N. Brown #1150 s/n 01-1172	lay/mo/y	59/9/9/98	Wind Dir/Speed	180/16			CTD Converted Monitor Values	Pri. Temp						
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Station Designation		Wet Bulb		Type	X			Sample Bottle Data	တ္တ			Ť			
ion		Press (mb)	1017,3	Weather		Remarks	Cleaned A	ottle Data	Salinity			i i			d
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				CTD Converted Monitor Values Pri. Temp Sec. Temp	200/16	Date:day/mo/yr	N. Brown #1150 s/n 01-1172	Project & Leg PK-98-01
				Monitor Value Sec. Temp		Time (GMT) Dry bulb		3
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				Cleaned Sample Bottle Data Salinity		Wet Bulb F		Station Designation
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Vessel Profe	Vessel Professor Kaganovsky		Project & Leg PK-98-01	K-98-01		Station	Station Designation	S			Page	Oct.
Type & SN	SBE 19 s/n 650		N. Brown #1150									
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Type & SN	SBE 19 s/n 650	N. Brow	N. Brown #1150							
Press SN	194208-650	s/n 01-1172	1172							
Consc Cast #		Lon	Date:day/mo/yr	Time (GMT) Dry bulb	Dry bulb	Wet Bulb	Press (mb)	Press (mb) Sea State Vis	/is	
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Pos.	Trip Depth		CTD Converted Monitor Values	Monitor Value	Ø	Sample Bottle Data	ttle Data	Sample Bottle Number	te Num	ber
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Press SN 194208-650 s/n 01-1172 Consc Cast # Lat
Lat Lon Date:day/mo/yr Time (GMT) Dry bulb Wet Bulb Press (mb) Sea State 5 6 12.94 166 29.719 Cloud Amt Type Weather Bottom De
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Vessel Profes	Vessel Professor Kaganovsky	Pro	Project & Leg PK-98-01	3	Stati	Station Designation	tion	1114		Page_
Type & SN	SBE 19 s/n 650	Z m	N. Brown #1150					****		
Press SN	194208-650	s/n (s/n 01-1172							
Consc Cast #		Lon	Date:day/mo/yr	Time (GMT) Dry bulb	Dry bulb	Wet Bulb	Press (mb)	Press (mb) Sea State	∠ is	
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ruil Brown was not recording for this cost. This is the second cost at this station country

Vessel Professor Kaganovsky	ssor K	aganovsky		Projec	Project & Leg PK-98-01	3	S	Station Designa	ignation		Page_of_
Type & SN	SBE	SBE 19 s/n 650		N. Bro	N. Brown #1150						
Press SN	1942	194208-650		s/n 01-1172	1172						
Consc Cast #			3		Date:dav/mo/vr	Time (GMT)	Do hill	Wet Ruih		Press (mh) Sea State Vis	
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Pos.	Trip	Trip Depth			CTD Converted Monitor Values	Monitor Value	SS	Sample E	le Bottle Data	Sample Bottle Number	Number
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		Fil. ieilig	CTD Converted Monitor Values		Date:day/mo/yr	N. Brown #1150 s/n 01-1172	ct & Leg PK-98-01
	1	oec. eii p	Monitor Value		Time (GMT) Dry bulb		
		calling			Dry bulb		Stati
			Sample E		Wet Bulb		Station Designation
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		30	Sample Bottle Number	Remarks S & R Court on S Cleaned Air bleed Valve	Press (mb) Sea State Vis		
		NG. CO.	ttle Number	Max Depth	Vis pth Sta.Name/ID		Ţ.
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Type & SN SBE 19 s/n 650 N. Brown #1150 Press SN 194208-650 s/n 01-1172 Consc Cast # Lat CTD Conscreted In Conscreted Monitor Values Lon Date:day/mo/yr Time (CMT) Dry bulb Pacs A Cloud Amt Type Wind Dir/Speed A A Cloud Amt Type Pos. Trip Depth Pressure Pri. Temp Sec. Temp Salinity 1 Pressure Pri. Temp Sec. Temp Salinity Sample Pressure Pri. Temp Sec. Temp Salinity	Vessel Profes	Vessel Professor Kaganovsky	Proje	Project & Leg PK-98-01		Stati	Station Designation	5			Page_of
ress SN 194208-650 s/n 01-1172 consc Cast # Lat Lon Date:day/mo/yr Time (GMT) Dry bulb 17 - 9 - 8 - 5 - 9 - 0 Wind Dir/Speed 14 b - 17 Cloud Amt 2 - 18 Cloud Amt 3 Cloud Amt 2 - 18 Cloud Amt 3 Cloud Amt 3 Cloud Amt 3 Cloud Amt 3 Cloud Amt 4 Cloud Amt 5 Cloud Amt 6 Cloud Amt 7 Cloud Amt	Type & SN	SBE 19 s/n 650	N. Bro	wn #1150							
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