

VESSEL R/V Pr. Khromov	CRUISE ID RUSALCA	PROJECT & LEG RUSALCA 2014	STATION NO. 29
			FileName=rusaka1429

CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIN D SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID
	DEG MIN	DEG MIN	DAY MO YR HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
	66 38 .640 N	16 933 .140 W	14 JUL 14 08 18	.	.		x	x			x	x	x	50.7	CX7-2 ?

SBE 9+	FLUOR S/N	REMARKS Cast depth: 46m Autonomous cast. Repeating CX7	MAX. DEPTH = m
PRESS SN	SBE43-Oxy (prime)		
PRI TEMP SN			
SEC TEMP SN	Transmissometer		
PRI COND SN	PAR S/N		
SEC COND SN			

Nis No	DEPTH	Rosette Notes	Hydro Team-PMEL				OTHER	Comments	Nis No
			OXYGEN	NUTS	CHL	SALT			
B								B	
1								1	
2								2	
3								3	
4								4	
5								5	
6								6	
7								7	
8								8	
9								9	

NO BOTTLES

RMS

VESSEL: **R/V Pr. Khromov** CRUISE ID: **RUSALCA** PROJECT & LEG: **RUSALCA 2014** FILENAME: **rusalca3437** STATION NO: **17**

CONSC CAST #	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTO M DEPTH (m)	STA NAME/ID	
	67	38	102	N	13	JUL	14	01	32					2								532	CS1D

REMARKS: **Cast depth: 48 m (CTD) 49 m (bottles)**
Autonomous cast.

SBE 9+ _____ FLUOR S/N _____
 PRESS SN _____ SBE43-Oxy (prime) _____
 PRI TEMP SN _____ Transmissometer _____
 PRI COND SN _____ PAR S/N _____
 SEC COND SN _____

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL				OTHER		Comments	Nis No.
			OXYGEN	NUTS	CHL	SALT				
B	01:45	169°00.420							B	
1	44		187	6B	6B				1	
2	34			6B	6B				2	
3	24			6B	6B				3	
4	14			7D	7D				4	
5	4			71	71				5	
6	Bunch								6	
7									7	
8									8	
9									9	

good

US

VESEL RIV Pr. Khromav	CRUISE ID RUSALCA	PROJECT & LEG RUSALCA 2014	STATION NO. 16
			FileName= rusalca1416

CONSC CAST #	LATITUDE	LONGITUDE	UTC	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIN D SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID
	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
	67 45 .312 N	168 39 .836 W	12 JUL 14	2348				1	x			x	x	x	52.7	CS11

<input type="checkbox"/> SBE 9+	<input type="checkbox"/> FLUOR S/N
<input type="checkbox"/> PRESS SN	<input type="checkbox"/> SBE43-Oxy (prime)
<input type="checkbox"/> PRI TEMP SN	<input type="checkbox"/>
<input type="checkbox"/> SEC TEMP SN	<input type="checkbox"/> Transmissometer
<input type="checkbox"/> PRI COND SN	<input type="checkbox"/> PAR S/N
<input type="checkbox"/> SEC COND SN	<input type="checkbox"/>

REMARKS *Cast depth: ~~50m~~
48m (CTD), 50m (bottles)
Autonomous cast.*

MAX. DEPTH = m

Nis	DEPTH	Rosette Notes	Hydro Team-PMEL				OTHER	Comments					Nis
No	DESIRED	67°45.146	OXYGEN	NUTS	CHL	SALT	cell vol						No.
B	00:03	168°39.589											B
1	45		176	60	60		139						1
2	35			61	61								2
3	25			62	62								3
4	15			63	63								4
5	5			64	64		↓						5
6	Bucket			65	65		138						6
7													7
8													8
9													9

13 July 2014 UTC

good depth

US

VESSEL <i>R/V Pr. Khromov</i>	CRUISE ID RUSALCA	PROJECT & LEG RUSALCA 2014	STATION NO. 15
			FileName= <i>rusalca 14.15</i>

CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)		
	67	52.527	N	168	18.739	W	12	JUL	14	22	07											
																					59.2	CS 12

SBE 9+	FLUOR S/N	REMARKS <i>Cast depth: 54m (both casts)</i> <i>Autonomous cast</i>	MAX. DEPTH =	m
PRESS SN	SBE43-Oxy (prime)			
PRI TEMP SN				
SEC TEMP SN	Transmissometer			
PRI COND SN	PAR S/N			
SEC COND SN				

Nis	DEPTH	Rosette Notes	Hydro Team-PMEL				OTHER	Comments				Nis
No	DESIRED	67°52.308	OXYGEN	NUTS	CHL	SALT	<i>chl</i> <i>vat</i>					No.
B	22:21	168°18.504										B
1	22:21	168°18.504	49	173	54	54	77	139				1
2	22:21	168°18.504	39		55	55						2
3	22:21	168°18.504	29		56	56						3
4	22:21	168°18.504	19		57	57						4
5	22:21	168°18.504	9		58	58						5
6	Bucket				59	59		138				6
7												7
8												8
9												9

good depth

US

VESSEL R/V Pr. Khromov	CRUISE ID RUSALCA	PROJECT & LEG RUSALCA 2014	STATION NO. 14
			FileName= rusalca1414

CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIN D SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID
	DEG MIN	DEG MIN	DAY MO YR HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
	67 59 .354 N	167 59 .378 W	12 JUL 14 2034	.	.						x	x	x	575	CS13

SBE 9+	FLUOR S/N
PRESS SN	SBE43-Oxy (prime)
PRI TEMP SN	
SEC TEMP SN	Transmissometer
PRI COND SN	PAR S/N
SEC COND SN	

REMARKS Cast depth: 52m (CTD), 52m (bottle) MAX. DEPTH = m

Autonomous cast.

Nis	DEPTH	Rosette Notes	Hydro Team-PMEL				OTHER	Comments				Nis
No	DESIRED		OXYGEN	NUTS	CHL	SALT						No.
B	20:47	167° 59.283										B
1	47	47	171	48	48		139					1
2	37	37		49	49							2
3	27	27		50	50							3
4	17	17		51	51							4
5	7	7		52	52		↓					5
6	bucket			53	53		133					6
7												7
8												8
9												9

good

US

VESSEL RIV Pr. Khromov		CRUISE ID RUSALCA		PROJECT & LEG RUSALCA 2014			STATION NO. 13			
							FileName= rusalca14 0 13			

CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)		
	68	06.117	N	167	39.945	W	12	JUL	14	19	05											
													x	x				x	x	x	53	CS14

SBE 9+	FLUOR S/N
PRESS SN	SBE43-Oxy (prime)
PRI TEMP SN	
SEC TEMP SN	Transmissometer
PRI COND SN	PAR S/N
SEC COND SN	

REMARKS Cast depth: 51_m (CTD), 51_m (bottles) MAX. DEPTH = m

Autonomous cast

Nis	DEPTH	Rosette Notes	Hydro Team-PMEL				OTHER	Comments				Nis
No	DESIRED		OXYGEN	NUTS	CHL	SALT	Chl vol					No.
B	19:17	167°39.714										B
1	406		133	42	42		139					1
2	306			43	43							2
3	206			44	44							3
4	106			45	45							4
5	5			46	46		↓					5
6	Bucket			47	47	81	138					6
7												7
8												8
9												9

good

US

VESSEL R/V Pr. Khromov		CRUISE ID RUSALCA		PROJECT & LEG RUSALCA 2014			STATION NO. 12			
							FileName= rusalca1412			

CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIN D SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)		
	68	12.042	N	167	21.337	W	12	JUL	14	17	39											
																					50.7	CS15

SBE 9+	FLUOR S/N
PRESS SN	SBE43-Oxy (prime)
PRI TEMP SN	
SEC TEMP SN	Transmissometer
PRI COND SN	PAR S/N
SEC COND SN	

REMARKS Cast depth: 46m (CTD); 48m (bottle) MAX. DEPTH = m

Autonomous cast.

Nis	DEPTH	Rosette Notes	Hydro Team-PMEL				OTHER	Comments				Nis
No.	DESIRED		OXYGEN	NUTS	CHL	SALT	Other Vol					No.
B	17:52	167°21.413										B
1	48		111	36	36		139					1
2	33			37	37							2
3	23			38	38							3
4	13			39	39							4
5	3"			40	40		↓					5
6	bucket			41	41		138					6
7												7
8												8
9												9

good

US

VESSEL RIV Pr. Khromov	CRUISE ID RUSALCA	PROJECT & LEG RUSALCA 2014	STATION NO. 11
			FileName= rusalca 1411

CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)			DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
	68	15.000	N	167	12.194	W	12	JUL	14	16	39									47.2	CS16

<input type="checkbox"/> SBE 9+	<input type="checkbox"/> FLUOR S/N
<input type="checkbox"/> PRESS SN	<input type="checkbox"/> SBE43-Oxy (prime)
<input type="checkbox"/> PRI TEMP SN	<input type="checkbox"/>
<input type="checkbox"/> SEC TEMP SN	<input type="checkbox"/> Transmissometer
<input type="checkbox"/> PRI COND SN	<input type="checkbox"/> PAR S/N
<input type="checkbox"/> SEC COND SN	<input type="checkbox"/>

REMARKS

Cast depth: 43 m (CTD cast)
45m (bottle cast)

Autonomous cast

MAX. DEPTH = m

Nis	DEPTH	Rosette Notes	Hydro Team-PMEL				OTHER	Comments										Nis				
No	DESIRED	68°14.857	OXYGEN	NUTS	CHL	SALT	chl vol											No.				
B	16:53	167°12.353																				B
1	40		72	31	31	72	139															1
2	30			32	32																	2
3	20			33	33																	3
4	10			34	34																	4
5	1m surf.			35	35																	5
6																						6
7																						7
8																						8
9																						9

good

VESSEL: R/V R. Khromov
 CRUISE ID: RUSALCA
 PROJECT & LEG: RUSALCA 2014
 STATION NO.: 10

File Name = rusalca 1410

MS

CONSC CAST #	DEG	MIN	LATITUDE	DEG	MIN	LONGITUDE	DAY	MO	YR	HR	MIN	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTO M DEPTH (m)	STA. NAME/ID
	68	18	681 N	166	58	166 W	12	JUL	14	15	27					2	X				X	X	370	CS 18

REMARKS: Cast depth: 32 (CTD cast) 34 m - bottle cast

SBE 9+ _____ FLUOR S/N _____
 PRESS SN _____ SBE43-Oxy (prime) _____
 PRI TEMP SN _____ Transmissometer _____
 SEC TEMP SN _____ PAR S/N _____
 PRI COND SN _____
 SEC COND SN _____

No.	DEPTH	Rosette Notes	Hydro Team-PMEL				OTHER	Comments
			OXYGEN	NUTS	CHL	SALT		
B	15:42	166° 58.816				139		
1	30m		16	27	21			
2	20m			28	28			
3	10m			29	29			
4	5m surf			30	30	↓		
5								
6								
7								
8								
9								

good

VESSEL: R/V R. Khromov
 CRUISE ID: RUSALCA
 PROJECT & LEG: RUSALCA 2014
 FILENAME: rusa/ca 1409
 STATION NO.: 09

CONSC CAST #
 LATITUDE: 65° 38.611' N
 LONGITUDE: 168° 15.093' W
 DATE: 11 JUL 14
 TIME (GMT): 1927
 DRY BULB (°C):
 WET BULB (°C):
 PRESSURE (mb):
 SEA STATE: 4
 VISIBILITY: x
 WIND DIRN. (deg):
 WIND SPD. (kts):
 CLOUD (amt):
 TYPE:
 WEATHER:
 BOTTO M DEPTH (m): 45M
 STA. NAME/ID: b51409

SBE 9+
 PRESS SN
 PRI TEMP SN
 SEC TEMP SN
 PRI COND SN
 SEC COND SN
 FLUOR S/N
 SBE43-Oxy (prime)
 Transmissometer
 PAR S/N
 REMARKS: Cast depth: 42 (CTD) 42 (bottles)
 Adornemus cast
 MAX. DEPTH = m

Nis No.	DEPTH	Rosette Notes	Hydro Team-PMEL				OTHER	Comments	Nis No.
			OXYGEN	NUTS	CHL	SALT			
B	19:39	168 14.968							
1	3F		21	21			139 ml CTD	1	
2	2F		22	22				2	
3	1F		23	23				3	
4	F		24	24			25.3 mT	4	
5	bucket		26	26			138 ml	5	
6								6	
7								7	
8								8	
9								9	

good

WS

US

VESSEL R/V Pr. Khromov	CRUISE ID RUSALCA	PROJECT & LEG RUSALCA 2014	STATION NO. 08
			FileName= rusalca 1408

CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID
	DEG MIN	DEG MIN	DAY MO YR HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
	65 42	16 8 31	11 JUL 14 1750				3	x			x	x	x	56.7	bs 1408

SBE 9+	FLUOR S/N	REMARKS Cast depth: 50m (CTD) 48m (bottles) Autonomous cast.	MAX. DEPTH =	m
PRESS SN	SBE43-Oxy (prime)			
PRI TEMP SN				
SEC TEMP SN	Transmissometer			
PRI COND SN	PAR S/N			
SEC COND SN				

Nis	DEPTH	Rosette Notes	Hydro Team-PMEL				OTHER	Comments				Nis
No.	DESIRED		OXYGEN	NUTS	CHL	SALT						No.
B	18:05	168° 30.695										B
1	43m	43m		15	15	73	139					1
2	33m	33m		16	16							2
3	23m	23m		17	17							3
4	13m	13m		18	18							4
5	3m	3m		19	19							5
6	bucket			20	20		138					6
7												7
8												8
9												9

maybe leak,
(wire from messenger
was caught under the
top cap)

good

WS

VESSEL: R/V R. Khromov
 CRUISE ID: RUSALCA
 PROJECT & LEG: RUSALCA 2014
 FILENAME: rusalca1407
 STATION NO.: 07

CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTO M. DEPTH	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	(deg)	(kts)	*	*	(m)		
65	45	168	43	11	JUL	14	16	15	.	.	2	x			x	x	55.2	651407	

REMARKS: Cast depth: 50 m (CTD) 50 bottles cast. Cast with unknowns because that's why we have two downcasts and two upcasts.

MAX. DEPTH = m

NIS No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL				OTHER	Comments
			OXYGEN	NUTS	CHL	SALT		
B	16:56	65°45.209 168°43.035		9	9		Cloud	
1	16:56	45.209		9	9		139	
2	16:56	35.209		10	10		2	
3	16:56	25.209		11	11		maybe leak	
4	16:56	15.209		12	12		↑	
5	16:56	5.209		13	13			
6		6 bucket		14	14		138	
7								
8								
9								

good depth

VESSEL: R/V R. Khromov
 CRUISE ID: RUSALCA
 PROJECT & LEG: RUSALCA 2014
 FILENAME: rusalca1406
 STATION NO.: 06

CONSC CAST # _____
 LATITUDE: DEG MIN _____
 LONGITUDE: DEG MIN _____
 DAY MO YR: 11 JUL 14
 TIME (GMT): 14 47
 DRY BULB (°C): _____
 WET BULB (°C): _____
 PRESSURE (mb): _____
 SEA STATE: _____
 VISIBILITY: _____
 WIND DIRN. (deg): _____
 WIND SPD. (kts): _____
 CLOUD (amt): _____
 TYPE: _____
 WEATHER: _____
 BOTTO M DEPTH (m): 49
 STA. NAME/ID: 4051406
 MAX. DEPTH = _____ m

SBE 9+ _____
 PRESS SN _____
 PRI TEMP SN _____
 SEC TEMP SN _____
 PRI COND SN _____
 SEC COND SN _____
 FLUOR S/N _____
 SBE43-Oxy (prime) _____
 Transmissometer _____
 PAR S/N _____

Nis No.	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL				OTHER		Comments	Nis No.
		OXYGEN	NUTS	CHL	SALT						
B	5.4	65	48	352	→	bottle	cast	Time	2	Position	418 139 mds
1	44.5					03	3				
2	34.5					05	4				
3	24.5					05	5				
4	5.5					06	6				
5						07	7				
6	Backst					08	8				138 mds
7											
8											
9											

45

RUS

VESEL R/V R. Khromov CRUISE ID RUSALCA PROJECT & LEG RUSALCA 2014 STATION NO. 05

CONSC CAST # KC 65° 50.197' 169° 10.930' FILENAME=~~RUSALCA1405~~ RUSALCA1405

DEG MIN DEG MIN DAY MO YR HR MIN TIME (GMT) DRY BULB WET BULB PRESSURE SEA STATE VISIBILITY WIND DIRN. (deg) WIND SPD (kts) CLOUD (amt) TYPE WEATHER BOTTO M DEPTH STA. NAME/ID

65 50.192 N 169 10.949 W 10 JUL 14 0356 1 1 49.5 651405

SBE 9+ FLUOR S/N SBE43-Oxy (prime) Transmissometer PAR S/N

DEPTHT Rosette Notes Hydro Team-PMEL OTHER Comments

No.	DEPTHT DESIRED	Rosette Notes	OXYGEN	NUTS	CHL	SALT	OTHER	Comments	NIS No.
B	5m	Niskin 2	00%	00%				all	B
1	20m	Niskin 1	00%	00%		74		130, mls	1
2									2
3									3
4									4
5									5
6									6
7									7
8									8
9									9

REMARKS Cast depth: 45
Bottle cast was done by hands at the same time as CTD cast.

MAX. DEPTH = m

RUS

VESSEL R/V Pr. Khromov	CRUISE ID RUSALCA	PROJECT & LEG RUSALCA 2014	rusalca1404 FileName= rusalca1404	STATION NO. 04
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CONSC CAST #	LATITUDE 65° 52.110	LONGITUDE 169° 16.966	TIME (GMT) UTC	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTO M DEPTH (m)	STA. NAME/ID
	DEG MIN	DEG MIN	DAY MO YR HR MIN												
	65 52.083 N	169 16.990 W	10 JUL 14 03 11											505	bs1404

SBE 9+	FLUOR S/N	REMARKS Cast depth: 47	MAX. DEPTH = m
PRESS SN	SBE43-Oxy (prime)		
PRI TEMP SN			
SEC TEMP SN	Transmissometer		
PRI COND SN	PAR S/N		
SEC COND SN			

Nis No	DEPTH	Rosette Notes	Hydro Team-PMEL				OTHER		Comments	Nis No.
			OXYGEN	NUTS	CHL	SALT				
B									B	
1									1	
2									2	
3									3	
4									4	
5									5	
6									6	
7									7	
8									8	
9									9	

NO BOTTLES

RUS

VESSEL R/V Pr. Khromov	CRUISE ID RUSALCA	PROJECT & LEG RUSALCA 2014	rusalca1403 FileName= BS1403	STATION NO. 03
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CONSC CAST #	KC 65°54.099		169°25.822		UTC			TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIN D SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
	65	54	.059	N	169	25	.958	W	10	JUL	14	02	18	.	.						
																				522	bs1403

<input type="checkbox"/> SBE 9+	FLUOR S/N
<input type="checkbox"/> PRESS SN	<input type="checkbox"/> SBE43-Oxy (prime)
<input type="checkbox"/> PRI TEMP SN	
<input type="checkbox"/> SEC TEMP SN	<input type="checkbox"/> Transmissometer
<input type="checkbox"/> PRI COND SN	<input type="checkbox"/> PAR S/N
<input type="checkbox"/> SEC COND SN	

REMARKS	MAX. DEPTH = m
Cast depth: 49m	

Nis	DEPTH	Rosette Notes	Hydro Team-PMEL				OTHER						Comments	Nis
			OXYGEN	NUTS	CHL	SALT								
No.	DESIRED													No.
B														B
1														1
2														2
3														3
4														4
5														5
6														6
7														7
8														8
9														9

NO BOTTLES

Moorings site

RMS

VESSEL **R/V Pr. Khromov** CRUISE ID **RUSALCA** PROJECT & LEG **RUSALCA 2014** STATION NO. **02**
 FILENAME = **RusAlca1402**

CONSC **65° 56.097** LATITUDE **169° 36.081** LONGITUDE
 CAST # **65° 56.094 N** **169° 36.130 W** **10 JUL 14** **0128** TIME (GMT)
 DEG MIN DAY MO YR HR MIN

SBE 9+ _____ FLUOR S/N _____
 PRESS SN _____ SBE43-Oxy (prime) _____
 PRI TEMP SN _____ T Transmissometer _____
 SEC TEMP SN _____ PAR S/N _____
 PRI COND SN _____
 SEC COND SN _____

REMARKS
Cast depth: 49m
 MAX. DEPTH = m

NIS No.	DEPTH DESIRED	Rosette Notes				Hydro Team-PMEL				OTHER	Comments	NIS No.
		OXYGEN	NUTS	CHL	SALT	OXYGEN	NUTS	CHL	SALT			
B												B
1												1
2												2
3												3
4												4
5												5
6												6
7												7
8												8
9												9

NO BOTTLES

RUS

VESSEL: R/V Professor Khromov
 CRUISE ID: RUSALCA
 PROJECT & LEG: RUSALCA 2014
 FILENAME: RUSALCA 1401
 STATION NO.: 01

CONSC CAST #	KC 65° 56.523		169° 39.326		WTC		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTO M DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN		*	*			*	*	48.5	691401
					10	JUL	14	00	40									

REMARKS: 00° - 00°
 Cast depth 45m
 MAX DEPTH = m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL				OTHER		Comments		Nis No.
			OXYGEN	NUTS	CHL	SALT					
B										B	
1										1	
2										2	
3										3	
4										4	
5										5	
6										6	
7										7	
8										8	
9										9	

NO BOTTLES