YEAR: 2015 VESSEL: NW Explorer	CRUISE ID: NW1501	PROJECT: LEG: L1	CTD FILENAME: (None if data is live feed)

CTD CAST # (consec.)	LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN				
#12	58	21.994 N	134	39.901 W	03	JUL	15	14	54		49	19042	ABM

Sensor IDs (Initially & Swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 & 2 S/Ns
COND 1& 2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 (SBE42) S/N

SHIP

Weather:

(Difficult conditions, factors that may affect measurements or aid processing)

CTD Max Depth = 40

Comments:

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL SALT Btl #	Hydro Team-PMEL NUT. Btl #	Hydro Team-PMEL	GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
1												1
(2)	40			042		250						2
(3)	20			043		250						3
(4)	0			044		250						4
5												5
6												6
7												7
8												8
9												9
10												10
11												11
12												12

13.1 21.1 ISA 19010

YEAR: 2015
VESSEL: NW Explorer

CRUISE ID: NW15-01L1

PROJECT: SECM
LEG: 1

CTD FILENAME: NW15CTD001
(None if data is live feed)

CTD CAST # (consec.)	LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN				
001	58	13.260 N	135	31.754 W	27	JUN	15	15	19	13.1	93	19010	ISA

Sensor IDs (Initially & Swap-outs)

SBE type and S/N	
PRESS S/N	0610
TEMP 1 & 2 S/Ns	4455
COND 1& 2 S/Ns	2906
FLUOR S/N	FLNTU 2343
O2 (SBE43) S/N	2848
Transmiss S/N	CST 1488PR
PAR S/N	70432
O2 (SBE42) S/N	

Weather: Cloudy

CTD Max Depth = 88

(Difficult conditions, factors that may affect measurements or aid processing)

Comments: Bottles on 4, 6, 8, 10
Data Aquistion interupted had to resecure pig tail.
Bottles did not fire. Block on backwards
Took Surface Sample w/ Bucket

Fast Kitty → issues w/ data aQuistions, Not sure cause
7 Scan errors.

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL SALT Btl #	Hydro Team-PMEL NUT. Btl #	Hydro Team-PMEL	GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
1	BTM	10										1
2												2
3	40	8		NO Water								3
4												4
5	20	6										5
6												6
7	0	4				360						7
8		Bucket	121	001		250						8
9												9
10												10
11												11
12												12

13.12 20.7

ISB 19011

YEAR: 2015
VESSEL: NW Explorer

CRUISE ID: NW15-01

PROJECT: SECM
LEG: L1

CTD FILENAME: NW15CTD002
(None if data is live feed)

CTD CAST # (consec.)	LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN				
002	58	14.271 N	135	29.614 W	27	JUN	15	18	04	14	172	19011	ISB

Sensor IDs (Initially & Swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 & 2 S/Ns
COND 1& 2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 (SBE42) S/N

SAME

Weather: Cloudy

CTD Max Depth = 155

(Difficult conditions, factors that may affect measurements or aid processing)

Comments:
Bottles fired used deck unit. Scan length errors persist.
Max depth bottle did not fire.

Fast kitty → good

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL SALT Btl #	Hydro Team-PMEL NUT. Btl #		GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
1	~~TOO 155~~	10		~~002~~		~~250~~					did not fire no water	1
2	~~40~~ 60	8		003		250						2
3	12 ~~30~~	6		004		250						3
4	0	4		005		250						4
5												5
6												6
7												7
8												8
9												9
10												10
11												11
12												12

YEAR: 2015 VESSEL: NW Explorer			CRUISE ID: NW15-01		PROJECT: SECM LEG: L1					CTD FILENAME: NW15CTD003 (None if data is live feed)			
CTD CAST # (consec.)	LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN				
003	58	15.382 N	135	26.316 W	27	JUN	15	22	28	14.05	260	19012	ISC

Sensor IDs (Initially & Swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 & 2 S/Ns
COND 1& 2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 (SBE42) S/N

SAME

Weather: cloudy

CTD Max Depth = 200M

(Difficult conditions, factors that may affect measurements or aid processing)

Comments:

Secchi: 5.88
Bottle firing non responsive, stopped on upcast & restarted. User driven NOT working.
Surface bucket taken. Second portion of upcast NW15CTD003a

Fast kitty → good

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL SALT Btl #	Hydro Team-PMEL NUT. Btl #		GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
1	200	#9	122	006		250						1
2	40	8		007		250						2
3	~~20~~	6										3
4	0	~~Bucket~~		008		250						4
5												5
6												6
7												7
8												8
9												9
10												10
11												11
12												12

YEAR: 2015 VESSEL: NW Explorer	CRUISE ID: NW1501	PROJECT: LEG: L1	CTD FILENAME: NW15CTD004 (None if data is live feed)

CTD CAST # (consec.)	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	GMT DATE (note if not) DAY	MO	YR	GMT Time HR	MIN	SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
004	58	16.375 N	135	24.022 W	28	JUN	15	12	02	14.39	218	ISD	19013

Sensor IDs (Initially & Swap-outs)

SAME

- SBE type and S/N
- PRESS S/N
- TEMP 1 & 2 S/Ns
- COND 1& 2 S/Ns
- FLUOR S/N
- O2 (SBE43) S/N
- Transmiss S/N
- PAR S/N
- O2 (SBE42) S/N

Weather: Cloudy

CTD Max Depth = 200

(Difficult conditions, factors that may affect measurements or aid processing)

Comments:
Secchi: 5.67 all bottles fired, had to use sequential. Switching out Deck unit → not responsive to bottle firing. Multiple pressed per bottle

FastKitty-004

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL SALT Btl #	Hydro Team-PMEL NUT. Btl #		GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
1	200	4		009		250						1
2	40	6		010		250						2
3	20	8		011		250						3
4	0	10	123	012		250						4
5												5
6												6
7												7
8												8
9												9
10												10
11												11
12												12

6.9

YEAR: 2015 VESSEL: NW Explorer	CRUISE ID: NW1501	PROJECT: LEG: L1	CTD FILENAME: (None if data is live feed)

CTD CAST # (consec.)	LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN				
005	57	53.439 N	137	42.819 W	29	JUN	15	14	53		957	19020	1PD

Sensor IDs (Initially & Swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 & 2 S/Ns
COND 1& 2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 (SBE42) S/N

SPARE

Weather: Overcast

CTD Max Depth =

(Difficult conditions, factors that may affect measurements or aid processing)

Comments:

trying table driven.
Scan length error - spooling, aborted Cast
performed fast Kitty on bongo w/ bucket, NO CTD data

fast Kitty → 011
↳ scan length errors persist but at slower Rate

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL SALT Btl #	Hydro Team-PMEL NUT. Btl #	Hydro Team-PMEL	GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
1												1
2												2
3												3
(4)	BTM					X						4
5												5
(6)	40					X						6
7												7
(8)	20					X						8
(9)	0	by Kenn w/ Bucket		013		X						9
10												10
11												11
12												12

YEAR: 2015 VESSEL: NW Explorer	CRUISE ID: NW15-01	PROJECT: SECM LEG: 1	CTD FILENAME: (None if data is live feed)

CTD CAST # (consec.)	LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN				
		N		W	28	JUN	15						

Sensor IDs (Initially & Swap-outs)

SBE type and S/N	25 - 2546254-0422
PRESS S/N	
TEMP 1 & 2 S/Ns	3T - 034455
COND 1& 2 S/Ns	4C - 042906
FLUOR S/N	WetLabs - FLNTURT-2343
O2 (SBE43) S/N	43 - 432848
Transmiss S/N	WetLabs - CST-1488PR
PAR S/N	Biospherical - QSP2350 - 70432
O2 (SBE42) S/N	

Weather:

(Difficult conditions, factors that may affect measurements or aid processing)

CTD Max Depth =

Comments:

005 - fast kitty only to 50m. ISA 19014
006 - fast kitty " " " ISB 19015
007 - fast kitty only to 50m ISC 19016
008 - fast kitty ISD 19017
009 - Fast kitty ISC 19018
010 - Fast kitty ISD 19019

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL			GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
			SALT Btl #	NUT. Btl #								
1												1
2												2
3												3
4												4
5												5
6												6
7												7
8												8
9												9
10												10
11												11
12												12

YEAR: 2015 VESSEL: NW Explorer			CRUISE ID: NW1501		PROJECT: LEG: L1					CTD FILENAME: (None if data is live feed)			
CTD CAST # (consec.)	LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN				
006	58	05.344 N	137	26.641 W	29	JUN	15	18	28	13.39	131	19021	IPC

Sensor IDs (Initially & Swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 & 2 S/Ns
COND 1& 2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 (SBE42) S/N

SAME

Weather: SUNNY

CTD Max Depth = 118

(Difficult conditions, factors that may affect measurements or aid processing)

Comments:
Switched deck units to 79 pin, reduced scan errors, & changed cables + 1 USB connector.

Fast Kitty >12

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL SALT Btl #	Hydro Team-PMEL NUT. Btl #	Hydro Team-PMEL	GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
1												1
2												2
3												3
(4)	BTM	118m	124	014		X						4
5												5
(6)	40			015		X						6
7												7
(8)	~~20~~	14m		016		X						8
(9)	0			017		X						9
10												10
11												11
12												12

YEAR: 2015 VESSEL: NW Explorer	CRUISE ID: NW1501	PROJECT: LEG: 4-1	CTD FILENAME: (None if data is live feed)

CTD CAST # (consec.)	LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN				
007	58	12.547 N	137	17.168 W	29	JUN	15	21	32	14.5	121	19022	IPB

Sensor IDs (Initially & Swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 & 2 S/Ns
COND 1& 2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 (SBE42) S/N

SAME

Weather: Sunny

CTD Max Depth = 111

(Difficult conditions, factors that may affect measurements or aid processing)

Comments:

Secchi: 10.9 m

No errors/No problems!!

Fast kitty → 013

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL SALT Btl #	Hydro Team-PMEL NUT. Btl #	Hydro Team-PMEL	GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
1												1
2												2
3												3
④	BTM	111		018		250	X					4
5												5
⑥	40	36		019		250						6
7												7
⑧	20	19		020		250						8
⑨	0	2		021		250						9
10												10
11												11
12												12

YEAR: 2015 VESSEL: NW Explorer			CRUISE ID: NW1501		PROJECT: LEG: L1					CTD FILENAME: (None if data is live feed)			
CTD CAST # (consec.)	LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN				
008	58	20.019 N	137	07.325 W	30	JUN	15	00	01	12.34	152	19023	IPA

Sensor IDs (Initially & Swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 & 2 S/Ns
COND 1& 2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 (SBE42) S/N

SAME

Weather: partly cloudy

CTD Max Depth = 141

(Difficult conditions, factors that may affect measurements or aid processing)

Comments:

Secchi → 7.8

Fast kitty → 014

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL SALT Btl #	Hydro Team-PMEL NUT. Btl #		GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
1												1
2												2
3												3
(4)	BTM	140		022		250						4
5												5
(6)	40			023		250						6
7												7
(8)	20			024		250						8
(9)	Ø	125	125	025		250						9
10												10
11												11
12												12

YEAR: 2015 VESSEL: NW Explorer			CRUISE ID: NW1501		PROJECT: LEG: L7					CTD FILENAME: (None if data is live feed)			
CTD CAST # (consec.)	LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN				
		N		W	30	JUN	15						

Sensor IDs (Initially & Swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 & 2 S/Ns
COND 1& 2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 (SBE42) S/N

SAME / Fast Cat

Weather:

(Difficult conditions, factors that may affect measurements or aid processing)

CTD Max Depth =

Comments:

Ø15 → FastKitty ISD 15:01 max depth 50m
5.8 → secchi
Ø16 Fastcat ISC 17:20 max depth 50m secchi 5.8
Ø17 Fast Kitty ISB 19:15 max depth 50m secchi 3.8
Ø18 FastKitty ISA 20:57 max depth 50m secchi 2
Ø19 Fast Kitty ISB 22:37 max depth 50m secchi 2
Ø20 Fast Kitty ISA 0:11 F/I max depth 50m secchi 3 w/Norpac

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL			GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
			SALT Btl #	NUT. Btl #								
1												1
2												2
3												3
4												4
5												5
6												6
7												7
8												8
9												9
10												10
11												11
12												12

YEAR: 2015 VESSEL: NW Explorer			CRUISE ID: NW1501		PROJECT: LEG: L1					CTD FILENAME: (None if data is live feed)			
CTD CAST # (consec.)	LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN				
009	58	09.621 N	135	02.456 W	01	JUL	15	14	49	13.03	138	19030	UCD

Sensor IDs (Initially & Swap-outs)

SBE type and S/N: SPARE

PRESS S/N

TEMP 1 & 2 S/Ns

COND 1& 2 S/Ns

FLUOR S/N

O2 (SBE43) S/N

Transmiss S/N

PAR S/N

O2 (SBE42) S/N

Weather:

(Difficult conditions, factors that may affect measurements or aid processing)

CTD Max Depth = 127

Comments:

Secchi = 4.7

FastKitty → Φ21

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL			GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
			~~SALT BTL #~~ NUT	~~NUT BTL #~~ SAL								
1												1
2												2
3												3
(4)	B+M	127	Φ26	~~Φ~~ 127		250						4
5												5
(6)	40		Φ27			250						6
7												7
(8)	20		Φ28			250						8
(9)	0		Φ29			250						9
10												10
11												11
12												12

YEAR: 2015 VESSEL: NW Explorer			CRUISE ID: NW1501		PROJECT: LEG: L1					CTD FILENAME: (None if data is live feed)			
CTD CAST # (consec.)	LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN				
010	58	08.038 N	135	03.795 W	01	JUL	15	17	04	13.28	117	19031	UCC
Sensor IDs (Initially & Swap-outs)				Weather: cloudy							CTD Max Depth = 110		

SBE type and S/N
PRESS S/N
TEMP 1 & 2 S/Ns
COND 1& 2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 (SBE42) S/N

SAME

(Difficult conditions, factors that may affect measurements or aid processing)

Comments:

Fast kitty → Φ22, sent first @ 16:52, 98m

Secchi = 6.1

Xmiss does not seem to be functional

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL SALT Btl #	Hydro Team-PMEL NUT. Btl #		GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
1												1
2												2
3												3
④	BTM	110		Φ30		250						4
5		trigger happy										5
⑥	40	(60) wrong depth		31		250						6
7												7
⑧	20	40		32		250						8
⑨	0	0		33		250						9
10												10
11												11
12												12

YEAR: 2015 VESSEL: NW Explorer	CRUISE ID: NW1501	PROJECT: LEG: L1	CTD FILENAME: (None if data is live feed)

CTD CAST # (consec.)	LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN				
011	58	06.197 N	135	00.974 W	01	JUL	15	18	42	13.16	240	19032	UCB

Sensor IDs (Initially & Swap-outs)

SBE type and S/N: SAME

PRESS S/N:

TEMP 1 & 2 S/Ns:

COND 1& 2 S/Ns:

FLUOR S/N:

O2 (SBE43) S/N:

Transmiss S/N:

PAR S/N:

O2 (SBE42) S/N:

Weather: Cloudy

(Difficult conditions, factors that may affect measurements or aid processing)

CTD Max Depth = 150

Comments:

Secchi: 5.9

unsure about Bottom Depth, readings jumped so ended @ 150m.

Fast Kitty → 023, 1857 ST, BD 120m

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL SALT Btl #	Hydro Team-PMEL NUT. Btl #		GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
1												1
2												2
3												3
④	BTM			034		250						4
5												5
⑥	40			035		250						6
7												7
⑧	20			036		250						8
⑨	0			037		250						9
10												10
11												11
												12

YEAR: 2015 VESSEL: NW Explorer			CRUISE ID: NW1501		PROJECT: LEG: L1					CTD FILENAME: (None if data is live feed)			
CTD CAST # (consec.)	LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN				
Ø12	58	04.594 N	135	00.164 W	01	JUL	15	21	33		469	19034	UCA

Sensor IDs (Initially & Swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 & 2 S/Ns
COND 1& 2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 (SBE42) S/N

SPMEL

Weather:

CTD Max Depth =

(Difficult conditions, factors that may affect measurements or aid processing)

Comments:

Fast Kitty first → 21:12, BD 200m, Ø24 cast
Secchi: 5.0m

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL SALT Btl #	Hydro Team-PMEL NUT. Btl #		GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
1												1
2												2
3												3
(4)	BTM	200		038		250						4
5												5
(6)	40			039		250						6
7												7
(8)	20			040		250						8
(9)	Ø		128	041		250						9
												10
												11
												12

YEAR: 2015 VESSEL: NW Explorer	CRUISE ID: NW1501	PROJECT: LEG: L1	CTD FILENAME: (None if data is live feed)

CTD CAST # (consec.)	LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN				
		N		W									

Sensor IDs (Initially & Swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 & 2 S/Ns
COND 1& 2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 (SBE42) S/N

Fast Kitty 49

Weather: Cloudy

CTD Max Depth =

(Difficult conditions, factors that may affect measurements or aid processing)

Comments:

Fast Kitty → Ø25 BD153 : max 50m, 01 Jul 15 23:17
Secchi 3.9m

Fast Kitty → Ø26 BD477 : max 50m, 02 Jul 15 1:13
Secchi 3.8

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL			GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
			SALT Btl #	NUT. Btl #								
1												1
2												2
3												3
4												4
5												5
6												6
7												7
8												8
9												9
10												10
11												11
12												12

YEAR: 2015 VESSEL: NW Explorer			CRUISE ID:			PROJECT: LEG:				CTD FILENAME: (None if data is live feed)			
CTD CAST # (consec.)	LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		SURFACE TEMP (°C)	BOTTOM DEPTH (m)	HAUL #	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN				
		N		W									
Sensor IDs (Initially & Swap-outs)			Weather:								CTD Max Depth =		

SBE type and S/N _____
PRESS S/N _____
TEMP 1 & 2 S/Ns _____
COND 1& 2 S/Ns _____
FLUOR S/N _____
O2 (SBE43) S/N _____
Transmiss S/N _____
PAR S/N _____
O2 (SBE42) S/N _____

(Difficult conditions, factors that may affect measurements or aid processing)

Comments:

Fast kitty → 02 JUL 15, Max 50m 14:57, 027
" 02 Jul 15, 50m 16:14, 028
" 02 Jul 15, 50m , 029
" 02 Jul 15 50m 19:08 030
" 02 Jul 15 50m 21:25 031
" 02 Jul 15 50m 22:40 032

Nisk #	Depth Desired	Rosette Notes	Hydro Team-PMEL			GFF Volume	>10 Large Volume	GFF (dup) Volume	>10 Large (dup) Volume	POC (500 ml)	Comments or Other Samples	Nisk #
			SALT Btl #	NUT. Btl #								
1												1
2												2
3												3
4												4
5												5
6												6
7												7
8												8
9												9
10												10
11												11
12												12