

VESSEL Northwest Explorer 2017				CRUISE ID Survey NW1703		PROJECT & LEG (if needed) leg SECM				CTD FileName (None if data is live feed) 21028			
CTD consec CAST #	LATITUDE		DEG	LONGITUDE		DEG	GMT DATE		GMT Time		Surface Temp (°C)	BOTTOM DEPTH (m)	STN. NAME/ID
	58. 2738 N		135. 3982 W			28	JUL 17		15 05		12.2	227	21028 ISD
Sensor IDS (initially & swap-outs)													
SBE type and SN													
PRESS SN													
TEMP 1 & 2 S/Ns													
COND 1 & 2 S/Ns													
FLUOR SN													
O2 (SBE43) SN													
Transmiss SN													
PAR SN													
O2 SBE42SN													
Weather:													
CTD MAX. DEPTH = 200													
COMMENT: Difficult conditions, factors that may affect measurements or aid processing													
Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team		SALT BH	Nut.BH	GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Phyto preserve	Comments or other samples	Nisk #
1	200					529							1
2	50					528		250					2
3	40					527		250					3
4	30					526		280					4
5													5
6													6
7													7
8													8
9													9
10	20					525		250					10
11	10					524		250					11
12	0					523		250					12

VESSEL Northwest Explorer 2017				CRUISE ID Survey NW1703				PROJECT & LEG (if needed) leg 58th				CTD FileName (None if data is live feed) 21032			
CTD conseq CAST #		LATITUDE		LONGITUDE		GMT DATE		GMT (note if not)		Surface Temp (°C)		BOTTOM DEPTH (m)		STN. NAME/ID	
DEG	MM-SS	DEG	MM-SS	DEG	MM-SS	DAY	MO	HR	MIN						
	58.2548	N	135.4441	W	28	5	0	19	00	12.3	261	21032	JSC		
Sensor IDS (initially & swap-outs)															
SBE 9-11 w/duplicate sensors															
PRESS SN															
TEMP 1 &2 SNs															
COND 1&2 SNs															
FLUOR SN															
O2 (SBE43) SN															
Transmiss SN															
PAR SN															
O2 SBE42SN															
Weather:															
CTD MAX DEPTH =															
COMMENT: Difficult conditions, factors that may affect measurements or aid processing															

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Phyto preserve	Phyto DUP	Comments or other samples	Nisk #
			SALT BH	Nut BH									
1	200			536		250							1
2	50			535									2
3	40			534		250							3
4	30			533		250							4
5													5
6													6
7													7
8													8
9													9
10	20			532		250				200			10
11	10			531		250				200	200		11
12	0			530		250				200	200		12

VESSEL Northwest Explorer 2017				CRUISE ID Survey NW1703				PROJECT & LEG (if needed) leg 2517				CTD FileName (None if data is live feed) NW21035				
CTD consec CAST #	LATITUDE		DEG	N	DEG	LONGITUDE		MIN	GMT DATE		GMT Time		Surface Temp (°C)	BOTTOM DEPTH (m)	STATION NUMBER	STN. NAME/ID
	58.2353					4843			DAY	MO	YR	HR				
Sensor IDS (initially & swap-outs) SBE type and SN SBE 9-11 w/duplicate sensors PRESS SN TEMP 1 & 2 SNs COND 1 & 2 SNs FLUOR SN O2 (SBE43) SN Transmiss SN PAR SN O2 SBE42SN																
Weather:																
COMMENT: Difficult conditions, factors that may affect measurements or aid processing																
Nisk #	DEPTH DESIRED	Rosette Notes		Hydro Team		SALT BU	Nut.BU	GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Phyto preserve	Comments or other samples	Nisk #		
1	195			47 543				250						1		
2	50			542										2		
3	40			541				250						3		
4	30			540				250						4		
5														5		
6														6		
7														7		
8														8		
9														9		
10	20			539				280						10		
11	10			538				250	250	250				11		
12	0			537				250						12		

VESSEL Northwest Explorer 2017				CRUISE ID Survey NW1703		PROJECT & LEG (if needed) leg. SEC M		CTD FileName (None if data is live feed) 21038				
CTD consec CAST #	LATITUDE		LONGITUDE		GMT DATE		GMT Time		Surface Temp (°C)	BOTTOM DEPTH (m)	STATION NUMBER	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN			
	58	2207	N	135	29	JUL	17	18	53	9.3	38	75A
Sensor IDS (initially & swap-outs) SBE type and SN PRESS SN TEMP 1 & 2 S/Ns COND 1&2 S/Ns FLUOR SN O2 (SBE43) SN Transmiss SN PAR SN O2 SBE42SN												
Weather:												
COMMENT: Difficult conditions, factors that may affect measurements or aid processing												
CTD MAX DEPTH = 93												

Nisk #	DEPTH DESIRED	Rosette Notes		Hydro Team		GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Phyto preserve	Comments or other samples	Nisk #
		SALT BU	Nut.BU	SALT BU	Nut.BU							
1	92				550							1
2	50				549	250						2
3	40				548	250						3
4	30				547	250						4
5												5
6												6
7												7
8												8
9												9
10	20				546	250				200		10
11	10				545	250	250			200	200	11
12	0				544	250				200		12

VESSEL Northwest Explorer 2017				CRUISE ID Survey NW1703				PROJECT & LEG (if needed) leg SECM				CTD FileName (None if data is live feed) 21041					
CTD consec CAST #		LATITUDE		LONGITUDE		GMT DATE		GMT Time		Surface Temp (°C)		BOTTOM DEPTH (m)		STN. STATION NUMBER		STN. NAME/ID	
		DEG MIN		DEG MIN		DAY MO YR		HR MIN									
58.0725 N		135.0014 W		30 JUL 17		15 10		11.6		404		41		UCA		CTD MAX DEPTH =	
Sensor IDS (initially & swap-outs) SBE type and SN PRESS SN TEMP 1 & 2 SNs COND 1&2 SNs FLUOR SN O2 (SBE43) SN Transmiss SN PAR SN O2 SBE42SN																	
Weather:																	
COMMENT: Difficult conditions, factors that may affect measurements or aid processing																	

Nisk #	DEPTH DESIRED	Rosette Notes		Hydro Team		GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Phyto preserve	Comments or other samples	Nisk #
		SALT BU	Nrt.BU	SALT BU	Nrt.BU							
1	200				557							1
2	50				556	250						2
3	40				555	250						3
4	30				554	250						4
5												5
6												6
7												7
8												8
9												9
10	20				553	250						10
11	10				552	250						11
12	0				551	250						12

VESSEL Northwest Explorer 2017			CRUISE ID Survey <i>MS1703</i>			PROJECT & LEG (if needed) leg <i>SEA</i>			CTD FileName (None if data is live feed) <i>11042</i>								
CTD conseq CAST #		LATITUDE		LONGITUDE		GMT DATE		GMT Time		Surface Temp		BOTTOM DEPTH		STATION NUMBER		STN. NAME/ID	
DEG	MIN	DEG	MIN	MIN	SEC	DAY	MO	HR	MIN	(°C)	(m)						
58	1013	N	135	0254	W	30	JUL	17	17-10	12.3	294	42	UCB				
Sensor IDS (initially & swap-outs) SBE type and SN SBE 9-11 w/duplicate sensors PRESS SN TEMP 1 &2 SNs COND 1&2 SNs FLUOR SN O2 (SBE43) SN Transmiss SN PAR SN O2 SBE42SN																	
Weather:																	
CTD MAX DEPTH = 200																	
COMMENT: Difficult conditions, factors that may affect measurements or aid processing																	

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team		GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Phyto preserve	Comments or other samples	Nisk #
			SALT BH	Nut.BH							
1	200m			564							1
2	50m			573	250						2
3	40m			562	250						3
4	30m			561	250						4
5											5
6											6
7											7
8											8
9											9
10	20m			560	250				200		10
11	10m			559	250				200	200	11
12	0m			558	250				200	200	12

VESSEL Northwest Explorer 2017				CRUISE ID Survey NJW1703				PROJECT & LEG (if needed) leg SECM				CTD FileName (None if data is live feed) 21043			
CTD consec CAST #		LATITUDE		LONGITUDE		GMT DATE		GMT Time		Surface Temp (°C)		BOTTOM DEPTH (m)		STN. NAME/ID	
		DEG MIN		DEG MIN		DAY MO YR		HR MIN							
		58.1348 N		135.06925 W		30 JUL 17		19:21		12.08		140		413 UCC	
Sensor IDS (Initially & swap-outs)															
SBE type and SN SBE 9-11 w/duplicate sensors															
PRESS SN															
TEMP 1 & 2 SNs															
COND 1&2 SNs															
FLUOR SN															
O2 (SBE43) SN															
Transmiss SN															
PAR SN															
O2 SBE42SN															
Weather:															
CTD MAX DEPTH = 100															
COMMENT: Difficult conditions, factors that may affect measurements or aid processing															

Nisk #	DEPTH DESIRED	Rosette Notes		Hydro Team		GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Phyto preserve	Comments or other samples	Nisk #
		SALT BU	Nut.BH	SALT BU	Nut.BH							
1	100				571							1
2	50				570	250						2
3	40				569	250						3
4	30				568	250						4
5												5
6												6
7												7
8												8
9												9
10	20				567	250		250				10
11	10				566	250	250					11
12	0				565	250						12

VESSEL Northwest Explorer 2017				CRUISE ID Survey NW1703		PROJECT & LEG (if needed) leg SECM				CTD FileName (None if data is live feed)					
CTD conseq CAST #		LATITUDE		LONGITUDE		GMT DATE		GMT Time		Surface Temp		BOTTOM DEPTH		STN. NAME/ID	
DEG	MIN	DEG	MIN	MIN	SEC	DAY	MO	HR	MIN	(°C)	(m)				
58.	1598	N	135	0434	W	30	7	21	42	12.9	190	44	UCD		
Sensor IDS (initially & swap-outs) SBE 9-11 w/duplicate sensors PRESS SN TEMP 1 & 2 SNs COND 1&2 SNs FLUOR SN O2 (SBE43) SN Transmiss SN PAR SN O2 SBE42SN															
Weather:															
COMMENT: Difficult conditions, factors that may affect measurements or aid processing															

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team		GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Phyto preserve	Comments or other samples	Nisk #
			SALT BH	Nut.BH							
1	130			578	250						1
2	50			577	250						2
3	40			576	250			200			3
4	30			575	250						4
5											5
6											6
7											7
8											8
9											9
10	20			574	250						10
11	10			573	250	250		200			11
12	0			572	250	250		200			12

VESSEL Northwest Explorer 2017				CRUISE ID Survey		PROJECT & LEG (if needed) leg. <u>SECM</u>		CTD FileName (None if data is live feed)									
CTD consec CAST #		LATITUDE		LONGITUDE		GMT DATE		GMT Time		Surface Temp (°C)		BOTTOM DEPTH (m)		STN. STATION NUMBER		STN. NAME/ID	
		DEG MIN		DEG MIN		DAY MONTH YEAR		HR MIN									
58 22.075 N		134		39.912 W		31		7 17 15 00		12.3		51		45		ABM	
Sensor IDS (initially & swap-outs) SBE type and SN PRESS SN TEMP 1 & 2 SENS COND 1 & 2 SENS FLUOR SN O2 (SBE43) SN Transmiss SN PAR SN O2 SBE42SN																	
Weather:																	
COMMENT: Difficult conditions, factors that may affect measurements or aid processing																	

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team		GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Phyto preserve	Comments or other samples	Nisk #
			SALT Btl	Nut. Btl							
1	L										1
2											2
3	45			583	250						3
4	30			58A	250						4
5											5
6											6
7											7
8											8
9											9
10	20			581	250						10
11	10			580	250						11
12	0			579	250						12