

[illegible]

[illegible]

VESSEL Northwest Explorer 2017				CRUISE ID Survey NW17-01				PROJECT & LEG (if needed) leg SECM				CTD FileName (None if data is live feed)			
CTD consec CAST #	LATITUDE			LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
3	58		N	135			01	JUL	17	20	55		220	21014	UCB
Sensor IDS (initially & swap-outs)										Weather:				CTD MAX DEPTH =	
SBE type and S/N														700	
PRESS S/N										COMMENT: Difficult conditions, factors that may affect measurements or aid processing SEE CLAMS for Lat/Lon It worked!					
TEMP 1 & 2 S/Ns															
COND 1&2 S/Ns															
FLUOR S/N															
O2 (SBE43) S/N															
Transmiss S/N															
PAR S/N															
O2 SBE42S/N															

Nisk #	DEPTH	Rosette Notes	Hydro Team			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Phyto preserve		Comments or other samples	Nisk #
	DESIRED		SALT Btl	Nut.Btl									
1	200			7		250							1
2	150		25	6		250							2
3	40			5		250							3
4	30			4		250							4
5													5
6													6
7													7
8													8
9													9
10	20			3		250				200			10
11	10			2		250	250			200			11
12	200		25	1		250				200			12

VESSEL Northwest Explorer 2017				CRUISE ID Survey NW1701				PROJECT & LEG (if needed) leg 5ECM				CTD FileName (None if data is live feed) 21015				
CTD consec CAST #	LATITUDE			LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID	
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)			
4	58	07405	N	134	99788	W	01	JUL	17	23	02	10.2	444	21015	UCA	
Sensor IDS (Initially & swap-outs)														Weather:		CTD MAX DEPTH =
SBE type and S/N																200
PRESS S/N																COMMENT: Difficult conditions, factors that may affect measurements or aid processing
TEMP 1 & 2 S/Ns																
COND 1 & 2 S/Ns																
FLUOR S/N																
O2 (SBE43) S/N																
Transmiss S/N																
PAR S/N																
O2 SBE42S/N																
Nisk #	DEPTH	Rosette Notes	Hydro Team				GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Phyto preserve		Comments or other samples	Nisk #		
	DESIRED		SALT BH	Nut.BH												
1	200			14										1		
2	50			13			250							2		
3	40			12			250							3		
4	30			11			250							4		
5														5		
6														6		
7														7		
8														8		
9														9		
10	20			10			250							10		
11	10			9			250	250						11		
12	0			8			250		250					12		

VESSEL Northwest Explorer 2017				CRUISE ID Survey NW1701				PROJECT & LEG (if needed) leg SECM				CTD FileName (None if data is live feed) 21016			
CTD consec CAST #	LATITUDE			LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
5	58,	220E	N	135,	5288	W	02	JUL	17	14	58	8.2	100	21016	ISA
Sensor IDS (initially & swap-outs)				Weather:										CTD MAX DEPTH =	
SBE type and S/N				SBE 9-11 w/duplicate sensors										90	
PRESS S/N				COMMENT: Difficult conditions, factors that may affect measurements or aid processing											
TEMP 1 & 2 S/Ns															
COND 1&2 S/Ns															
FLUOR S/N															
O2 (SBE43) S/N															
Transmiss S/N															
PAR S/N															
O2 SBE42S/N															
Nisk #	DEPTH	Rosette Notes	Hydro Team			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Phyto preserve		Comments or other samples	Nisk #		
	DESIRED		SALT BU	Nut.BU											
1	190			21									1		
2	50			20		250							2		
3	40			19		250							3		
4	30			18		250							4		
5													5		
6													6		
7													7		
8													8		
9													9		
10	20			17		250				100			10		
11	10			16		250	250			200			11		
12	0			15		250				200			12		

VESSEL Northwest Explorer 2017				CRUISE ID Survey <u>NW1701</u>				PROJECT & LEG (if needed) leg <u>SECM</u>				CTD FileName (None if data is live feed) <u>21019</u>				
CTD consec CAST #	LATITUDE			LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID	
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)			
<u>6</u>	<u>58.</u>	<u>2374</u>	<u>N</u>	<u>135.</u>	<u>4870</u>	<u>W</u>	<u>02</u>	<u>JUL</u>	<u>17</u>	<u>18</u>	<u>27</u>	<u>10.8°C</u>	<u>187</u>	<u>21019</u>	<u>ISB</u>	
Sensor IDS (initially & swap-outs)														Weather:		CTD MAX DEPTH =
SBE type and S/N																<u>175</u>
PRESS S/N																COMMENT: Difficult conditions, factors that may affect measurements or aid processing
TEMP 1 & 2 S/Ns																
COND 1&2 S/Ns																
FLUOR S/N																
O2 (SBE43) S/N																
Transmiss S/N																
PAR S/N																
O2 SBE42S/N																
Nisk #	DEPTH	Rosette Notes	Hydro Team			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Phyto preserve		Comments or other samples	Nisk #			
	DESIRED		SALT BH	Nut.BH												
1	<u>175</u>		<u>26</u>	<u>28</u>									1			
2	<u>50</u>			<u>27</u>		<u>250</u>							2			
3	<u>40</u>			<u>26</u>		<u>280</u>							3			
4	<u>30</u>			<u>25</u>		<u>250</u>							4			
5													5			
6													6			
7													7			
8													8			
9													9			
10	<u>20</u>			<u>24</u>		<u>250</u>							10			
11	<u>10</u>			<u>23</u>		<u>250</u>	<u>250</u>	<u>250</u>					11			
12	<u>0</u>			<u>22</u>		<u>250</u>							12			

VESSEL Northwest Explorer 2017				CRUISE ID Survey <u>NW1701</u>				PROJECT & LEG (if needed) leg <u>SECM</u>				CTD FileName (None if data is live feed) <u>21022</u>			
CTD consec CAST #		LATITUDE		LONGITUDE		GMT DATE (note if not)			GMT Time		Surface Temp		BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(m)				
7	58.	2549	N	135.	4447	W	02	JUL	17	22	45		261	21022	ISC
Sensor IDS (initially & swap-outs)						Weather:						CTD MAX DEPTH =			
SBE type and S/N						SBE 9-11 w/duplicate sensors						200			
PRESS S/N						COMMENT: Difficult conditions, factors that may affect measurements or aid processing									
TEMP 1 & 2 S/Ns															
COND 1&2 S/Ns															
FLUOR S/N															
O2 (SBE43) S/N															
Transmiss S/N															
PAR S/N															
O2 SBE42S/N															

Nisk #	DEPTH	Rosette Notes	Hydro Team			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Phyto preserve		Comments or other samples	Nisk #
	DESIRED		SALT BU	Nut.BU									
1	200			35									1
2	50			34		250							2
3	40			33		250							3
4	30			32		250				200			4
5													5
6													6
7													7
8													8
9													9
10	20			31		250							10
11	10			30		250	250			200			11
12	0			29		250				200			12

VESSEL Northwest Explorer 2017				CRUISE ID Survey <u>NW1701</u>				PROJECT & LEG (if needed) leg <u>SECM</u>				CTD FileName (None if data is live feed) <u>21025</u>			
CTD consec CAST #	LATITUDE			LONGITUDE			GMT DATE (note if not)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
<u>4</u>	<u>58.</u>	<u>2719</u>	<u>N</u>	<u>135</u>	<u>.3979</u>	<u>W</u>	<u>03</u>	<u>JUL</u>	<u>17</u>	<u>15</u>	<u>07</u>	<u>11.0</u>	<u>215</u>	<u>21025</u>	<u>ISO</u>
Sensor IDS (initially & swap-outs)						Weather:						CTD MAX DEPTH =			
SBE type and S/N						SBE 9-11 w/duplicate sensors						<u>200</u>			
PRESS S/N						COMMENT: Difficult conditions, factors that may affect measurements or aid processing <u>SEE CLAMS for lat/lon</u>									
TEMP 1 & 2 S/Ns															
COND 1&2 S/Ns															
FLUOR S/N															
O2 (SBE43) S/N															
Transmiss S/N															
PAR S/N															
O2 SBE42S/N															
Nisk #	DEPTH	Rosette Notes	Hydro Team			GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Phyto preserve		Comments or other samples	Nisk #		
	DESIRED		SALT Btl	Nut.Btl											
1	200			42									1		
2	50			41		250							2		
3	40			40		250							3		
4	30			39		250				200			4		
5													5		
6													6		
7													7		
8													8		
9													9		
10	20			38		250		250					10		
11	10			37		250	250			200			11		
12	0		27	36		250				200			12		