

VESSEL Northwest Explorer 2016			CRUISE ID NW1602			PROJECT & LEG (if needed) NBS leg.					CTD FileName (None if data is live feed) 11/16/2011				
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)			
11	58	31,3428	N	140	09.0205	W	08	JUL	16	00	26		3460(+)	11	78c70
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 SBE42S/N															

VESSEL Northwest Explorer 2016			CRUISE ID NWS1602			PROJECT & LEG (if needed) NBS leg					CTD FileName (None if data is live feed) NW1602015																																																																																																																																																																																																																										
CTD consec CAST #	LATITUDE		LONGITUDE			GMT DATE (note if not)			GMT	Time	Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID																																																																																																																																																																																																																							
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15	58	37.1162 N	140	15.6799 W		09	JUL	16	15	19		721	15	YBASO																																																																																																																																																																																																																							
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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 #																																																																																																																																																																																																																					
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2	50	50			167			250							2																																																																																																																																																																																																																						
3	40	40			166			250							3																																																																																																																																																																																																																						
4	30	30			165			250	250						4																																																																																																																																																																																																																						
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VESSEL Northwest Explorer 2016			CRUISE ID <i>NW1602</i>			PROJECT & LEG (if needed) NBS leg					CTD FileName (None if data is live feed) <i>NW1602027</i>			
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)		
27	58	09.5202	N	140	05.3544	W	12	JUL	16	00	47	3394	27	SER70
Sensor IDs (initially & swap-outs)					Weather:									CTD MAX. DEPTH =
SBE type and S/N														200
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 SBE42S/N														

VESSEL Northwest Explorer 2016			CRUISE ID NW1602			PROJECT & LEG (if needed) NBS leg_ 1				CTD FileName (None if data is live feed) NW1602032					
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)			
32	58	22.9424	N	139	01.7562	W	13	JUL	16	18 24		70	32	SEQ40	
Sensor IDs (initially & swap-outs)					Weather:									CTD MAX. DEPTH =	
SBE type and S/N														60	
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 SBE42S/N															
COMMENT: Difficult conditions, factors that may affect measurements or aid processing															

VESSEL Northwest Explorer 2016			CRUISE ID <i>NW1602</i>			PROJECT & LEG (if needed) NBS leg _____					CTD FileName (None if data is live feed) <i>NW1602034</i>				
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)			
<i>34</i>	<i>58</i>	<i>39.2541</i>	<i>N</i>	<i>138</i>	<i>39.9315</i>	<i>w</i>	<i>13</i>	<i>JUL</i>	<i>16</i>	<i>23</i>	<i>27</i>		<i>98</i>	<i>34</i>	<i>SEQ20</i>
Sensor IDS (initially & swap-outs)					Weather:										CTD MAX. DEPTH =
SBE type and S/N															<i>88</i>
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 SBE42S/N															

VESSEL Northwest Explorer 2016			CRUISE ID NW1602			PROJECT & LEG (if needed) leg 1				CTD FileName (None if data is live feed) NW1602035																																																																																																																																																																																																																											
CTD consec CAST #	LATITUDE		LONGITUDE		GMT DATE	(note if not)	GMT	Time	Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID																																																																																																																																																																																																																									
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35	58	47.3320	N	138	28.8814	W	14	JUL	16	01 51	98	35	SEQ10																																																																																																																																																																																																																								
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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 #																																																																																																																																																																																																																					
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VESSEL Northwest Explorer 2016		CRUISE ID <i>NW1602</i>		PROJECT & LEG (if needed) NBS leg 1				CTD FileName (None if data is live feed) <i>NW1602036</i>					
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)		
36	56	55.5529	N	138	17.4936	W	14	JUL	16	04 18	60	36	SEQ 05
Sensor IDs (initially & swap-outs)					Weather:								CTD MAX. DEPTH =
SBE type and S/N													50
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 SBE42S/N													
COMMENT: Difficult conditions, factors that may affect measurements or aid processing													
<i>End of LEG 1... off to Sitka!</i>													

VESSEL Northwest Explorer 2016		CRUISE ID NW16e02		PROJECT & LEG (if needed) NBS leg				CTD FileName (None if data is live feed) NW16e02037					
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)	
37	56	59.9674	N	136	02.2908	W	16	JUL	16	15 11		105	37
Sensor IDs (initially & swap-outs)				Weather:								CTD MAX. DEPTH = 95	
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 SBE42S/N													

VESSEL Northwest Explorer 2016			CRUISE ID NW1602			PROJECT & LEG (if needed) NBS leg					CTD FileName (None if data is live feed) NW1602047			
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)		
47	57	25.1653	N	137	10.0656	W	18	JUL	16	23 43		2265	47	SEI30
Sensor IDs (initially & swap-outs)					Weather:									CTD MAX. DEPTH =
SBE type and S/N														200
PRESS S/N														
TEMP 1 & 2 SNS														
COND 1&2 S/Ns														
FLUOR S/N														
O2 (SBE43) S/N														
Transmiss S/N														
PAR S/N														
O2 SBE42S/N														

VESSEL Northwest Explorer 2016			CRUISE ID <i>Nw1602</i>			PROJECT & LEG (if needed) NBS leg					CTD FileName (None if data is live feed) <i>Nw1602057</i>			
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)			
57	57	56.7745	N	136	38,7312	W	22	JUL	16	00 04		90	57	<i>SEK9</i>
Sensor IDS (initially & swap-outs)					Weather:									CTD MAX. DEPTH =
SBE type and S/N														80
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 SBE42S/N														

VESSEL Northwest Explorer 2016			CRUISE ID NW1602			PROJECT & LEG (if needed) NBS leg				CTD FileName (None if data is live feed) NW1602059				
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)			
59	57	45.1370	N	138	35.5420	W	22	SU	L	16	1856	3008	59	SE160
Sensor IDs (initially & swap-outs)					Weather:									CTD MAX. DEPTH =
SBE type and S/N														200
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 SBE42S/N														

VESSEL Northwest Explorer 2016			CRUISE ID <i>NW1602</i>			PROJECT & LEG (if needed) NBS leg					CTD FileName (None if data is live feed) <i>NW16020601</i>				
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)			
61	57	59.9133	N	137	46.9466	W	23	JUL	16	01	33		178	61	SEM30
Sensor IDS (initially & swap-outs)					Weather:										CTD MAX. DEPTH =
SBE type and S/N															1608
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 SBE42S/N															

VESSEL Northwest Explorer 2016			CRUISE ID <i>NW1602</i>			PROJECT & LEG (if needed) NBS leg					CTD FileName (None if data is live feed) <i>NW1602_063</i>					
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)				
<i>63</i>			<i>N</i>		<i>W</i>		<i>JUL</i>	<i>1</i>	<i>6</i>				<i>63</i>	<i>SEM10</i>		
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																
COMMENT: Difficult conditions, factors that may affect measurements or aid processing																
<i>No CTD due to weather.</i>																

VESSEL Northwest Explorer 2016			CRUISE ID <i>NW1602</i>			PROJECT & LEG (if needed) NBS leg				CTD FileName (None if data is live feed) <i>NW1602064</i>					
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)		
64	58	14,399	N	136	56.936	W	23	JUL	16	20	45		160	64	SEMO
Sensor IDs (Initially & swap-outs)					Weather:										CTD MAX. DEPTH =
SBE type and S/N															149
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 SBE42S/N															