



Non-Dive Daytime Activity:	Day Passenger Embarkation
Date:	September 17 2014
Location:	Saanich Inlet
Launch Time:	0800
Recovery Time:	0815
Objectives:	Day passengers embark via IOS Dock Gangway

Dive Number:	OE0121
Date:	September 17 2014
Location:	Saanich Inlet Node Site
Launch Time:	0900
Recovery Time:	1100
Objectives:	Test Dive Saanich Inlet Site Survey Clean SI Node Cathode Recover SI VIP

Ship Procedure and Operations:	
Assess weather and sea state. Proceed only when Master and ROV Supervisor agree it is safe to do so.	0830
Deploy ROV USBL Pole	0830-0900

Shore Communications:	
On-Shore Team will tweet using the @oceannetworkops Twitter account at the beginning of the dive	
On-Shore Team will post the dive plan on the cruise web site	
On-Board Team will use Skype during operations as required	

Navigation:	
Record all positions noted by the Dive Chief	
Record all positions of items of note as requested by On-Board Team/On-Shore Team	
Direct ship positioning via ROV/Ship Navigation system as required	

Dive Chief:	
Record deviations from Dive Plan	
Record changes to site layout diagrams	

Digital Infrastructure Action Items:	
Shut down Node Port 2 at request of On-Board Team; Confirm all DI Drivers Stopped	

Site/Equipment IDs:								
ACTION	SITE ID	SITENAME	DEVICE ID	DEVICENAME	LATITUDE	LONGITUDE	DEPTH	PORT
Test	?	OE	23088	SeaBird CTD 19 plus 6937	N/A	N/A	N/A	OE In Port
			23142	SeaBird SBE 43 Oxygen (S/N 2562)				VO
Turn Off SI VIP	1000206	VIP-20	7	S30001	48° 39.0782' N	123° 29.1870' W	99m	NP2
			19	SeaBird CTD 16 plus 4996				SP1
			23092	Aanderaa Optode 4175 (S/N 1685)				SP1
			22634	Alec Electronics Rinko-III 0014				SP1
			15	Pro-Oceanus GTD 24-36-07				SP1
			76	Technicap Sediment Trap PPS-24 01				SP2
9	ASL Zooplankton Acoustic Profiler 1007	SP3						



Dive Number:	OE0121
Date:	September 17 2014
Location:	Saanich Inlet Node Site
Launch Time:	0900
Recovery Time:	1100
Objectives:	Test Dive
	Saanich Inlet Site Survey
	Clean SI Node Cathode
	Recover SI VIP
Dive Coordinates:	
Saanich Inlet Node:	48° 39.0540' N, 123° 29.2030' W
Saanich Inlet VIP:	48° 39.0782' N, 123° 29.1870' W
Planned Location, 3D Camera Platform:	TBD ~ 70m SSW of Node
Planned Location, DSC Camera Platform:	TBD ~ 70m ENE of Node
Submersible (ROV) Rigging Required for Dive:	
Dust Cap for ODI Connector	
Recovery Line (300m Blue Line with Sea Catch Hook) w/ Emergency Cutting Knife	
Seabird 19+ CTD w/ SBE43 Oxygen Sensor	
Dive Operations Order and Procedures:	
Deploy ROV	
ROV Crew to Conduct Test Dive Procedures as Required	
Locate SI Node	
Visual Inspection of SI Node Condition	
Locate SI Node Cathode, pick up SI Node Cathode, shake clean and replace	
Visual Inspection of planned 3D Camera Site	
Visual Inspection of planned DSC Camera Site	
Locate SI VIP	
Fly to SI Node, surveying SI VIP Hose location for crossovers and entanglements	
Unplug SI VIP ODI Hose from SI Node Port 2	
Install Dust Cap on SI Node Port 2	
Fly SI VIP ODI Hose to SI VIP location and drop	
Clip recovery rope and hook into SI VIP	
Recover ROV with recovery rope below	
ROV On Deck	
Spool recovery rope onto recovery winch through block	
Recover SI VIP with ODI Hose below	
SI VIP on deck	
Recover SI VIP ODI Hose	
SI VIP ODI Hose on deck	



Dive Number:	OE0122
Date:	September 17 2014
Location:	Saanich Inlet Node Site
Launch Time:	1330
Recovery Time:	1500
Objectives:	Deploy 3D Camera
	Deploy DSC Camera

Ship Procedure and Operations:	
Assess weather and sea state. Proceed only when Master and ROV Supervisor agree it is safe to do so.	1230
Confirm ROV USBL Pole remains deployed from dive OE0121	1230
Deploy 3D Camera Platform via work wire and acoustic release; location as directed by Navigation	1230-1300
Deploy DSC Camera Platform via work wire and acoustic release; location as directed by Navigation	1300-1330
Upon completion of Dive Operations, recover and stow ROV USBL Pole	1500-1530

Shore Communications:	
On-Shore Team will tweet using the @oceannetworkops Twitter account at the beginning of the dive	
On-Shore Team will post the dive plan on the cruise web site	
On-Board Team will use Skype during operations as required	

Navigation:	
Record all positions noted by the Dive Chief	
Record all positions of items of note as requested by On-Board Team/On-Shore Team	
Direct ship positioning via ROV/Ship Navigation system as required	

Dive Chief:	
Record deviations from Dive Plan	
Record changes to site layout diagrams	

Digital Infrastructure Action Items:	
Shut down Node Port 2 at request of On-Board Team; Confirm all DI Drivers Stopped	
Turn on Node Port 1 at request of On-Board Team; Check Instrument Functionality; Start DI Drivers	
Turn on Node Port 5 at request of On-Board Team; Check Instrument Functionality; Start DI Drivers	

Site/Equipment IDs and Actions:								
ACTION	SITE ID	SITENAME	DEVICE ID	DEVICENAME	LATITUDE	LONGITUDE	DEPTH	PORT
Turn On DISCO Camera Platform	1000038	DCF2-03	23100	S30013	TBD	TBD	TBD	NP1
			23135	SeaBird CTD 16 plus 7286				SP1
			23138	SeaBird 43 Oxygen (S/N 2584)				SP4
			101	VENUS Digital Still Camera 01				SP5
Turn On 3D Cam Platform	1000352	3DC-01	1300	S30011	TBD	TBD	TBD	NP5
			38	SeaBird CTD 16 plus 5047				SP1
			1102	Aanderaa Optode 4175 (S/N 0580)				SP1
			23331	3D Camera U of A				SP5



Dive Number:	OE0122
Date:	September 17 2014
Location:	Saanich Inlet Node Site
Launch Time:	1330
Recovery Time:	1500
Objectives:	Deploy 3D Camera
	Deploy DSC Camera

Dive Coordinates:	
Saanich Inlet Node:	48° 39.0540' N, 123° 29.2030' W
Saanich Inlet VIP:	48° 39.0782' N, 123° 29.1870' W
Planned Location, 3D Camera Platform:	TBD ~ 70m SSW of Node
Planned Location, DSC Camera Platform:	TBD ~ 70m ENE of Node

Submersible (ROV) Rigging Required for Dive:	
Recovery Line (300m Blue Line with Sea Catch Hook) w/ Emergency Cutting Knife	
Seabird 19+ CTD w/ SBE43 Oxygen Sensor	

Dive Operations Order and Procedures:	
Deploy ROV	
Locate 3D Camera System	
Grab 3D Camera System ODI Hose and prepare hose for deployment	
Fly 3D Camera System ODI hose to SI Node	
Remove Dust Cap from SI Node Port 5 and stow	
Plug 3D Camera System ODI Hose into SI Node Port 5	
Locate DSC Camera System	
Grab DSC Camera System ODI Hose and prepare hose for deployment	
Fly DSC Camera System ODI hose to SI Node	
Remove Dust Cap from SI Node Port 1 and stow	
Plug DSC Camera System ODI Hose into SI Node Port 1	
Unplug SI VIP ODI Hose from SI Node Port 2	
Install Dust Cap on SI Node Port 2	
Fly SI VIP ODI Hose to SI VIP location and drop	
Clip recovery rope and hook into SI VIP	
Recover ROV with recovery rope below	
ROV On Deck	
Spool recovery rope onto recovery winch through block	
Recover SI VIP with ODI Hose below	
SI VIP on deck	
Recover SI VIP ODI Hose	
SI VIP ODI Hose on deck	

Non-Dive Daytime Activity:	Net Trawls
Date:	September 17 2014
Location:	Saanich Inlet
Launch Time:	1530
Recovery Time:	1730
Objectives:	Biological net trawl sampling



Dive Number:	OE0123
Date:	September 17 2014
Location:	Saanich Inlet Node Site
Launch Time:	1800
Recovery Time:	1845
Objectives:	Deploy Saanich VIP

Ship Procedure and Operations:	
Assess weather and sea state. Proceed only when Master and ROV Supervisor agree it is safe to do so.	1630
Deploy ROV USBL Pole	1630-1645
Deploy Saanich VIP via work wire and acoustic release; hold at shallow depth for instrument stabilization; location as directed by Navigation	1645-1800
Upon completion of Dive Operations, recover and stow ROV USBL Pole	1845-1900

Shore Communications:	
On-Shore Team will tweet using the @oceannetworkops Twitter account at the beginning of the dive	
On-Shore Team will post the dive plan on the cruise web site	
On-Board Team will use Skype during operations as required	

Navigation:	
Record all positions noted by the Dive Chief	
Record all positions of items of note as requested by On-Board Team/On-Shore Team	
Direct ship positioning via ROV/Ship Navigation system as required	

Dive Chief:	
Record deviations from Dive Plan	
Record changes to site layout diagrams	

Digital Infrastructure Action Items:	
Turn On SI Node Port NP2 at request of On-Board Team; Check Instrument Functionality; Start DI Drivers	

Site/Equipment IDs and Actions:								
ACTION	SITE ID	SITENAME	DEVICE ID	DEVICENAME	LATITUDE	LONGITUDE	DEPTH	PORT
Turn On SI VIP	1000362	VIP-21	23226	S30016	TBD	TBD	TBD	NP2
			23104	SeaBird CTD 16 plus 7128				SP1
			23092	Aanderaa Optode 4175 (S/N 1685)				SP1
			22634	Alec Electronics Rinko-III 0014				SP1
			15	Pro-Oceanus GTD 24-36-07				SP1
			76	Technicap Sediment Trap PPS-24 01				SP2
			9	ASL Zooplankton Acoustic Profiler 1007				SP3
			23334	ROS PT10-FB Pan Tilt (SN 10079)				SP4
			22900	ARIS Explorer 3000 (S/N 1015)				SP5



Dive Number:	OE0123
Date:	September 17 2014
Location:	Saanich Inlet Node Site
Launch Time:	1800
Recovery Time:	1845
Objectives:	Deploy Saanich VIP

Dive Coordinates:	
Saanich Inlet Node:	48° 39.0540' N, 123° 29.2030' W
Planned Saanich Inlet VIP:	TBD ~ 48° 39.0782' N, 123° 29.1870' W

Submersible (ROV) Rigging Required for Dive:	
Recovery Line (300m Blue Line with Sea Catch Hook) w/ Emergency Cutting Knife	
Seabird 19+ CTD w/ SBE43 Oxygen Sensor	

Dive Operations Order and Procedures:	
Deploy ROV	
Locate SI VIP	
Grab SI VIP ODI Hose and prepare hose for deployment	
Fly SI VIP ODI hose to Central Node	
Remove Dust Cap from SI Node Port NP2 and stow	
Plug SI VIP ODI Hose into SI Node Port NP2	
Recover ROV	
ROV On Deck	

Non-Dive Nighttime Activity:	Day Passenger Disembarkation
Date:	September 17 2014
Location:	Saanich Inlet
Launch Time:	1915
Recovery Time:	2000
Objectives:	Day passengers embark via RHIB

Non-Dive Nighttime Activity:	CTD Casts
Date:	September 17 2014
Location:	Various locations <i>en route</i> Saanich Inlet to Strait of Georgia
Launch Time:	2000
Recovery Time:	0700 September 18 2014
Objectives:	CTD Casts using IOS CTD/Rosette System



Dive Number:	OE0124
Date:	September 18 2014
Location:	Strait of Georgia Central Site
Launch Time:	0900
Recovery Time:	1100
Objectives:	Deploy Central NAXYS Hydrophone
	Clean Central Node Cathode
	Recover Central VIP

Ship Procedure and Operations:	
Assess weather and sea state. Proceed only when Master and ROV Supervisor agree it is safe to do so.	0800
Deploy ROV USBL Pole	0800-0830
Deploy Central NAXYS Hydrophone via work wire and acoustic release; location as directed by Navigation	0830-0900
Upon completion of Dive Operations, recover and stow ROV USBL Pole	1100-1130

Shore Communications:	
On-Shore Team will tweet using the @oceannetworkops Twitter account at the beginning of the dive	
On-Shore Team will post the dive plan on the cruise web site	
On-Board Team will use Skype during operations as required	

Navigation:	
Record all positions noted by the Dive Chief	
Record all positions of items of note as requested by On-Board Team/On-Shore Team	
Direct ship positioning via ROV/Ship Navigation system as required	

Dive Chief:	
Record deviations from Dive Plan	
Record changes to site layout diagrams	

Digital Infrastructure Action Items:	
Turn On SoG Central Node Port 7 at request of On-Board Team; Check Instrument Functionality; Start DI Drivers	
Turn Off SoG Central Node Port 6 at request of On-Board Team; Confirm all DI Drivers Stopped	

Site/Equipment IDs and Actions:								
ACTION	SITE ID	SITENAME	DEVICE ID	DEVICENAME	LATITUDE	LONGITUDE	DEPTH	PORT
Turn On NAXYS Hydrophone	1000361	NAXYS-01	20602	NAXYS	TBD	TBD	TBD	NP7
Turn Off Central VIP	1000102	VIP-11	66	S30007	49° 2.4143' N	123° 25.5826' W	299m	NP6
			37	RDI ADCP 150 kHz WH (SN 8497)				SP1
			1305	SeaBird CTD 16 plus 6936				SP2
			22603	Aanderaa Optode 4175 (S/N 0581)				SP2
			22804	ASL AZFP Echosounder 55036				SP3
			23023	Wetlabs ECO-NTU(RT) 371				SP6
	1000103	VIP-11-S	22795	Nortek Vector Current Meter 4820	49° 02.4142' N	123° 25.5775' W	300m	SP4



Dive Number:	OE0124
Date:	September 18 2014
Location:	Strait of Georgia Central Site
Launch Time:	0900
Recovery Time:	1100
Objectives:	Deploy Central NAXYS Hydrophone Clean Central Node Cathode Recover Central VIP
Dive Coordinates:	
Central Node:	49° 2.4262' N, 123° 25.5477' W
Central VIP:	49° 2.4143' N, 123° 25.5826' W
Central VIP Tripod:	49° 2.4142' N, 123° 25.5775' W
Planned Central NAXYS Hydrophone:	TBD
Planned Central NAXYS Hydrophone Tripod:	TBD
Submersible (ROV) Rigging Required for Dive:	
Dust Cap for ODI Connector	
Recovery Line (450m Green Line with Sea Catch Hook) w/ Emergency Cutting Knife	
Seabird 19+ CTD w/ SBE43 Oxygen Sensor	
Dive Operations Order and Procedures:	
Deploy ROV	
Locate Central Node	
Locate Central NAXYS Hydrophone	
Grab Central NAXYS Hydrophone ODI Hose and prepare hose for deployment	
Fly Central NAXYS Hydrophone ODI hose to Central Node	
Remove Dust Cap from Central Node Port NP7 and stow	
Plug Central NAXYS Hydrophone ODI Hose into Central Node Port NP7	
Return to Central NAXYS Hydrophone	
Remove Hydrophone Stand from Central NAXYS Hydrophone and fly to position, dragging cable	
Place hydrophone in position and record position and vector information	
Locate Central VIP	
Fly to Node	
Unplug Central VIP ODI Connector from Central Node Port NP6	
Install Dust Cap on Central Node Port NP6	
Fly Central VIP ODI Hose to Central VIP location and drop	
Locate Central VIP Tripod	
Record position and vector data for Central VIP Tripod	
Pick up Central VIP Tripod and hook onto Central VIP	
Clip recovery rope and hook into Central VIP	
Recover ROV with recovery rope below	
ROV On Deck	
Spool recovery rope onto recovery winch through block	
Recover Central VIP with ODI Hose and Central VIP Tripod Cable below	
Central VIP on deck, stow Central VIP Tripod Cable	
Recover Central VIP ODI Hose	
Central VIP ODI Hose on deck	



Dive Number:	OE0125
Date:	September 18 2014
Location:	Strait of Georgia East Node Site
Launch Time:	1300
Recovery Time:	1500
Objectives:	Recover East VIP

Ship Procedure and Operations:	
Assess weather and sea state. Proceed only when Master and ROV Supervisor agree it is safe to do so.	1230
Deploy ROV USBL Pole	1230-1300
Upon completion of Dive Operations, recover and stow ROV USBL Pole	1500-1530

Shore Communications:	
On-Shore Team will tweet using the @oceannetworkops Twitter account at the beginning of the dive	
On-Shore Team will post the dive plan on the cruise web site	
On-Board Team will use Skype during operations as required	

Navigation:	
Record all positions noted by the Dive Chief	
Record all positions of items of note as requested by On-Board Team/On-Shore Team	
Direct ship positioning via ROV/Ship Navigation system as required	

Dive Chief:	
Record deviations from Dive Plan	
Record changes to site layout diagrams	

Digital Infrastructure Action Items:	
Shut down Node Port 6 at request of On-Board Team; Confirm all DI Drivers Stopped	

Site/Equipment IDs and Actions:								
ACTION	SITE ID	SITENAME	DEVICE ID	DEVICENAME	LATITUDE	LONGITUDE	DEPTH	PORT
Turn Off East VIP	1000211	VIP-12	22783	S30009	49° 2.5896' N	123° 19.0102' W	170m	NP6
			23097	RDI ADCP 150 kHz WH (SN 17457)				SP1
			52	SeaBird CTD 16 plus 6935				SP2
			22642	SeaBird 43 Oxygen (S/N 1807)				SP2
			17	ASL Zooplankton Acoustic Profiler 1008				SP3
			23024	Wetlabs ECO-NTU(RT) 372				SP5
			23021	Nortek Vector Current Meter 4897				49° 2.5915' N



Dive Number:	OE0125
Date:	September 18 2014
Location:	Strait of Georgia East Node Site
Launch Time:	1300
Recovery Time:	1500
Objectives:	Recover East VIP

Dive Coordinates:	
East Node:	49° 2.5701' N, 123° 19.0359' W
East VIP:	49° 2.5896' N, 123° 19.0102' W
East VIP Tripod:	49° 2.5915' N, 123° 19.0066' W

Submersible (ROV) Rigging Required for Dive:	
Dust Cap for ODI Connector	
Recovery Line (300m Blue Line with Sea Catch Hook) w/ Emergency Cutting Knife	
Seabird 19+ CTD w/ SBE43 Oxygen Sensor	

Dive Operations Order and Procedures:	
Deploy ROV	
Locate East Node	
Unplug East VIP ODI Hose from East Node Port ##	
Install Dust Cap on East Node Port ##	
Fly East VIP ODI Hose to East VIP location and drop	
Locate East VIP Tripod	
Record position and vector data for East VIP Tripod	
Pick up East VIP Tripod and hook onto East VIP	
Clip recovery rope and hook into East VIP	
Recover ROV with recovery rope below	
ROV On Deck	
Spool recovery rope onto recovery winch through block	
Recover East VIP with ODI Hose and East VIP Tripod Cable below	
East VIP on deck, stow East VIP Tripod Cable	
Recover East VIP ODI Hose	
East VIP ODI Hose on deck	



Dive Number:	OE0126
Date:	September 18 2014
Location:	Strait of Georgia Central Node Site
Launch Time:	1800
Recovery Time:	1900
Objectives:	Deploy Central VIP

Ship Procedure and Operations:	
Assess weather and sea state. Proceed only when Master and ROV Supervisor agree it is safe to do so.	1630
Deploy ROV USBL Pole	1630-1645
Deploy Central VIP via work wire and acoustic release; location as directed by Navigation	1645-1800
Upon completion of Dive Operations, recover and stow ROV USBL Pole	1900-1930

Shore Communications:	
On-Shore Team will tweet using the @oceannetworkops Twitter account at the beginning of the dive	
On-Shore Team will post the dive plan on the cruise web site	
On-Board Team will use Skype during operations as required	

Navigation:	
Record all positions noted by the Dive Chief	
Record all positions of items of note as requested by On-Board Team/On-Shore Team	
Direct ship positioning via ROV/Ship Navigation system as required	

Dive Chief:	
Record deviations from Dive Plan	
Record changes to site layout diagrams	

Digital Infrastructure Action Items:	
Turn On SoG Central Node Port 7 at request of On-Board Team; Check Instrument Functionality; Start DI Drivers	
Turn On SoG Central Node Port 6 at request of On-Board Team; Check Instrument Functionality; Start DI Drivers	

Site/Equipment IDs and Actions:								
ACTION	SITE ID	SITENAME	DEVICE ID	DEVICENAME	LATITUDE	LONGITUDE	DEPTH	PORT
Turn On Central VIP	1000102	VIP-11	66	S30007	TBD	TBD	TBD	NP6
			37	RDI ADCP 150 kHz WH (SN 8497)				SP1
			1305	SeaBird CTD 16 plus 6936				SP2
			22603	Aanderaa Optode 4175 (S/N 0581)				SP2
			22804	ASL AZFP Echosounder 55036				SP3
			23023	Wetlabs ECO-NTU(RT) 371				SP6
	1000103	VIP-11-S	22795	Nortek Vector Current Meter 4820	TBD	TBD	TBD	SP4



Dive Number:	OE0126
Date:	September 18 2014
Location:	Strait of Georgia Central Node Site
Launch Time:	1400
Recovery Time:	1600
Objectives:	Deploy Central VIP

Dive Coordinates:	
Central Node:	49° 2.4262' N, 123° 25.5477' W
Planned Central VIP:	TBD ~ 49° 2.4143' N, 123° 25.5826' W
Planned Central VIP Tripod:	TBD ~ 49° 2.4142' N, 123° 25.5775' W

Submersible (ROV) Rigging Required for Dive:	
Recovery Line (300m Blue Line with Sea Catch Hook) w/ Emergency Cutting Knife	
Seabird 19+ CTD w/ SBE43 Oxygen Sensor	

Dive Operations Order and Procedures:	
Deploy ROV	
Locate Central VIP	
Grab Central VIP ODI Hose and prepare hose for deployment	
Fly Central VIP ODI hose to Central Node	
Remove Dust Cap from Central Node Port NP6 and stow	
Plug Central VIP ODI Hose into Central Node Port NP6	
Pick up and shake sediment from Central Node Cathode, replace in position	
Return to Central VIP	
Remove Central VIP Tripod from Central VIP and fly to position, dragging cable	
Place Central VIP Tripod in position and record position and vector information	
Recover ROV	
ROV On Deck	

Non-Dive Nighttime Activity:	NRCAN Science Activities
Date:	September 18 2014
Location:	Various locations Strait of Georgia
Launch Time:	1900
Recovery Time:	0700 September 19 2014
Objectives:	NRCAN Science Activities



Non-Dive Daytime Activity:		Passenger Embarkation	
Date:	September 19 2014		
Location:	Strait of Georgia		
Launch Time:	0730		
Recovery Time:	0815		
Objectives:	Pick up passengers via RHIB from Steveston Dock		

Dive Number:		OE0127	
Date:	September 19 2014		
Location:	Strait of Georgia East Node Site		
Launch Time:	0930		
Recovery Time:	1030		
Objectives:	Recover Forensics Experiment		

Ship Procedure and Operations:			
Assess weather and sea state. Proceed only when Master and ROV Supervisor agree it is safe to do so.			0830
Deploy ROV USBL Pole			0900-0930

Shore Communications:			
On-Shore Team will tweet using the @oceannetworkops Twitter account at the beginning of the dive			
On-Shore Team will post the dive plan on the cruise web site			
On-Board Team will use Skype during operations as required			

Navigation:			
Record all positions noted by the Dive Chief			
Record all positions of items of note as requested by On-Board Team/On-Shore Team			
Direct ship positioning via ROV/Ship Navigation system as required			

Dive Chief:			
Record deviations from Dive Plan			
Record changes to site layout diagrams			

Digital Infrastructure Action Items:			
Shut down Node Port 7 at request of On-Board Team; Confirm all DI Drivers Stopped			

Site/Equipment IDs and Actions:								
ACTION	SITE ID	SITENAME	DEVICE ID	DEVICENAME	LATITUDE	LONGITUDE	DEPTH	PORT
Turn Off Forensics Platform	1000212	SG-HDW-02	23020	S30010	49° 2.5552' N	123° 19.0354' W	168m	NP7
			1007	IOS3 Hydrophone Array 02				
			23022	XWING HD Webcam 1088				



Dive Number:	OE0127
Date:	September 19 2014
Location:	Strait of Georgia East Node Site
Launch Time:	0930
Recovery Time:	1030
Objectives:	Recover Forensics Experiment

Dive Coordinates:	
East Node:	49° 2.5701' N, 123° 19.0359' W
Forensics Experiment:	49° 2.5552' N, 123° 19.0354' W

Submersible (ROV) Rigging Required for Dive:
Dust Cap for ODI Connector
Recovery Line (300m Blue Line with Sea Catch Hook) w/ Emergency Cutting Knife
Seabird 19+ CTD w/ SBE43 Oxygen Sensor
Forensics Recovery "Cake Cover"

Dive Operations Order and Procedures:
Deploy ROV
Locate East Node
Unplug Forensics Experiment ODI Hose from East Node Port ##
Install Dust Cap on East Node Port ##
Fly Forensics Experiment ODI Hose to Forensics Experiment location and drop
Visual inspection of pig bone condition and locations
Position Forensics Recovery "Cake Cover" over the exposed pig bones
Clip recovery rope and hook into Forensics Experiment
Recover ROV with recovery rope below
ROV On Deck
Spool recovery rope onto recovery winch through block
Recover Forensics Experiment with ODI Hose below
Forensics Experiment on deck
Recover Forensics Experiment ODI Hose
Forensics Experiment ODI Hose on deck



Dive Number:	OE0128
Date:	September 19 2014
Location:	Strait of Georgia East Site
Launch Time:	1300
Recovery Time:	1430
Objectives:	Deploy East VIP
	Clean East Node Cathode

Ship Procedure and Operations:	
Assess weather and sea state. Proceed only when Master and ROV Supervisor agree it is safe to do so.	1230
Confirm ROV USBL Pole remains deployed from dive OE0126	1230
Deploy East VIP via work wire and acoustic release; location as directed by Navigation	1230-1300

Shore Communications:	
On-Shore Team will tweet using the @oceannetworkops Twitter account at the beginning of the dive	
On-Shore Team will post the dive plan on the cruise web site	
On-Board Team will use Skype during operations as required	

Navigation:	
Record all positions noted by the Dive Chief	
Record all positions of items of note as requested by On-Board Team/On-Shore Team	
Direct ship positioning via ROV/Ship Navigation system as required	

Dive Chief:	
Record deviations from Dive Plan	
Record changes to site layout diagrams	

Digital Infrastructure Action Items:	
Turn On Node Port 6 at request of On-Board Team; Check Instrument Functionality; Start DI Drivers	

Site/Equipment IDs and Actions:								
ACTION	SITE ID	SITENAME	DEVICE ID	DEVICENAME	LATITUDE	LONGITUDE	DEPTH	PORT
Turn On East VIP	1000354	VIP-13	22783	S30009	TBD	TBD	TBD	NP6
			17457	RDI ADCP 150 kHz WH (SN 17457)				SP1
			52	SeaBird CTD 16 plus 6935				SP2
			22642	SeaBird 43 Oxygen (S/N 1807)				SP2
			17	ASL Zooplankton Acoustic Profiler 1008				SP3
			23024	Wetlabs ECO-NTU(RT) 372				SP5
	1000355	VIP-13-S	23021	Nortek VIP-Vector Current Meter 4897	TBD	TBD	TBD	SP4



Dive Number:	OE0128
Date:	September 19 2014
Location:	Strait of Georgia East Site
Launch Time:	1300
Recovery Time:	1430
Objectives:	Deploy East VIP
	Clean East Node Cathode

Dive Coordinates:	
East Node:	49° 2.5701' N, 123° 19.0359' W
Planned East VIP:	TBD ~ 49° 2.5896' N, 123° 19.0102' W
Planned East VIP Tripod:	TBD ~ 49° 2.5915' N, 123° 19.0066' W

Submersible (ROV) Rigging Required for Dive:	
Recovery Line (300m Blue Line with Sea Catch Hook) w/ Emergency Cutting Knife	
Emergency Cutting Knife	

Dive Operations Order and Procedures:	
Deploy ROV	
Locate East VIP	
Grab East VIP ODI Hose and prepare hose for deployment	
Fly East VIP ODI hose to East Node	
Remove Dust Cap from East Node Port NP6 and stow	
Plug East VIP ODI Hose into East Node Port NP6	
Pick up and shake sediment from East Node Cathode, replace in position	
Return to East VIP	
Remove East VIP Tripod from East VIP and fly to position, dragging cable	
Place East VIP Tripod in position and record position and vector information	
Recover ROV	
ROV On Deck	



Dive Number:	OE0129
Date:	September 19 2014
Location:	Strait of Georgia East Node Site
Launch Time:	1600
Recovery Time:	1700
Objectives:	Deploy Forensics Experiment

Ship Procedure and Operations:	
Assess weather and sea state. Proceed only when Master and ROV Supervisor agree it is safe to do so.	1530
Confirm ROV USBL Pole remains deployed from dive OE0127	1530
Deploy Forensics Experiment via work wire and acoustic release; location as directed by Navigation	1530-1600
Upon completion of Dive Operations, recover and stow ROV USBL Pole	1700-1730

Shore Communications:	
On-Shore Team will tweet using the @oceannetworkops Twitter account at the beginning of the dive	
On-Shore Team will post the dive plan on the cruise web site	
On-Board Team will use Skype during operations as required	

Navigation:	
Record all positions noted by the Dive Chief	
Record all positions of items of note as requested by On-Board Team/On-Shore Team	
Direct ship positioning via ROV/Ship Navigation system as required	

Dive Chief:	
Record deviations from Dive Plan	
Record changes to site layout diagrams	

Digital Infrastructure Action Items:	
Turn on Node Port 7 at request of On-Board Team; Check Instrument Functionality; Start DI Drivers; Check Video	

Site/Equipment IDs and Actions:								
ACTION	SITE ID	SITENAME	DEVICE ID	DEVICENAME	LATITUDE	LONGITUDE	DEPTH	PORT
Turn On Forensics Platform	1000353	SG-HDW-03	23020	S30010	TBD	TBD	TBD	NP7
			26	SeaBird CTD 16 plus 4998				SP1
			23204	Aanderaa Optode 4175C (S/N 1795)				SP1
			23022	XWING HD Webcam 1088				SP5



Dive Number:	OE0129
Date:	September 19 2014
Location:	Strait of Georgia East Node Site
Launch Time:	1600
Recovery Time:	1700
Objectives:	Deploy Forensics Experiment

Dive Coordinates:	
East Node:	49° 2.5701' N, 123° 19.0359' W
Planned Forensics Experiment:	TBD ~ 49° 2.5552' N, 123° 19.0354' W

Submersible (ROV) Rigging Required for Dive:	
Recovery Line (300m Blue Line with Sea Catch Hook) w/ Emergency Cutting Knife	
Seabird 19+ CTD w/ SBE43 Oxygen Sensor	

Dive Operations Order and Procedures:	
Deploy ROV	
Locate Forensics Experiment	
Grab Forensics Experiment ODI Hose and prepare hose for deployment	
Fly Forensics Experiment ODI hose to East Node	
Remove Dust Cap from East Node Port ## and stow	
Plug Forensics Experiment ODI Hose into East Node Port ##	
Visual Inspection of Forensics Platform	
Recover ROV	
ROV On Deck	

Non-Dive Daytime Activity:	Passenger Disembarkation
Date:	September 19 2014
Location:	Strait of Georgia
Launch Time:	1845
Recovery Time:	1930
Objectives:	Drop off passengers via RHIB from Steveston Dock

Non-Dive Nighttime Activity:	NRCAN Science Activities
Date:	September 19 2014
Location:	Various locations Strait of Georgia
Launch Time:	1700
Recovery Time:	0700 September 20 2014
Objectives:	NRCAN Science Activities



Non-Dive Daytime Activity:	Passenger Embarkation
Date:	September 20 2014
Location:	Strait of Georgia
Launch Time:	0730
Recovery Time:	0815
Objectives:	Pick up passengers via RHIB from Steveston Dock

Dive Number:	OE0130
Date:	September 20 2014
Location:	Strait of Georgia DDL Site
Launch Time:	0830
Recovery Time:	1000
Objectives:	Recover DDL Platform

Ship Procedure and Operations:	
Assess weather and sea state. Proceed only when Master and ROV Supervisor agree it is safe to do so.	0800
Deploy ROV USBL Pole	0800-0830

Shore Communications:	
On-Shore Team will tweet using the @oceannetworkops Twitter account at the beginning of the dive	
On-Shore Team will post the dive plan on the cruise web site	
On-Board Team will use Skype during operations as required	

Navigation:	
Record all positions noted by the Dive Chief	
Record all positions of items of note as requested by On-Board Team/On-Shore Team	
Direct ship positioning via ROV/Ship Navigation system as required	

Dive Chief:	
Record deviations from Dive Plan	
Record changes to site layout diagrams	

Digital Infrastructure Action Items:	
Shut down Delta Node Port 3 at request of On-Board Team; Confirm all DI Drivers Stopped	

Site/Equipment IDs and Actions:								
ACTION	SITE ID	SITENAME	DEVICE ID	DEVICENAME	LATITUDE	LONGITUDE	DEPTH	PORT
Turn Off DDL Platform	1000207	DDL-09	24	S30014	49° 5.1051' N	123° 19.7855' W	100m	NP3
			22635	RDI ADCP 300 kHz WH (SN 2940)				SP1
			13213	SeaBird CTD 16 plus 6934				SP2
			63	Wetlabs FLNTU 060901				SP2
			22781	Wetlabs FLNTU 1325				SP2
			25	ASL Zooplankton Acoustic Profiler 1009				SP4
			40	Nortek Vector Current Meter 4594				SP5
			1221	Imagenex 881A Sector 3899				SP5
	1222	Imagenex 881A Profile 3898	SP5					
	1000208	DDL-09-S	23143	Nortek Vector Current Meter 4896	49° 5.1045' N	123° 19.7792' W		SP3



Dive Number:	OE0130
Date:	September 20 2014
Location:	Strait of Georgia DDL Site
Launch Time:	0800
Recovery Time:	1000
Objectives:	Recover DDL Platform

Dive Coordinates:	
DDL Platform:	49° 5.1051' N, 123° 19.7855' W
DDL Tripod:	49° 5.1045' N, 123° 19.7792' W
Planned Delta Extension Cable Stand:	TBD, in close proximity to above, WSW

Submersible (ROV) Rigging Required for Dive:	
ODI Extension Cable Stand	
Recovery Line (300m Blue Line with Sea Catch Hook) w/ Emergency Cutting Knife	
Seabird 19+ CTD w/ SBE43 Oxygen Sensor	

Dive Operations Order and Procedures:	
Deploy ROV	
Locate DDL Platform	
Position ODI Extension Cable Stand and note Coordinates	
Unplug Extension Cable ODI Connector from DDL Platform	
Install Extension Cable ODI Connector on ODI Extension Cable Stand	
Locate DDL Tripod	
Record position and vector data for DDL Tripod	
Pick up DDL Tripod, return to DDL Platform, hook DDL Tripod onto DDL Platform	
Clip recovery rope and hook into DDL Platform	
Recover ROV with recovery rope below	
ROV On Deck	
Spool recovery rope onto recovery winch through block	
Recover DDL Platform with DDL Tripod cable below	
DDL Platform on deck, stow DDL Tripod Cable	



Dive Number:	OE0131
Date:	September 20 2014
Location:	Strait of Georgia Delta Node Site
Launch Time:	1230
Recovery Time:	1330
Objectives:	Recover Bottom Boundary Layer Experiment

Ship Procedure and Operations:	
Assess weather and sea state. Proceed only when Master and ROV Supervisor agree it is safe to do so.	1230
Confirm ROV USBL Pole remains deployed from dive OE0129	1230

Shore Communications:	
On-Shore Team will tweet using the @oceannetworkops Twitter account at the beginning of the dive	
On-Shore Team will post the dive plan on the cruise web site	
On-Board Team will use Skype during operations as required	

Navigation:	
Record all positions noted by the Dive Chief	
Record all positions of items of note as requested by On-Board Team/On-Shore Team	
Direct ship positioning via ROV/Ship Navigation system as required	

Dive Chief:	
Record deviations from Dive Plan	
Record changes to site layout diagrams	

Digital Infrastructure Action Items:	
Shut down Node Port 7 at request of On-Board Team; Confirm all DI Drivers Stopped	

Site/Equipment IDs and Actions:								
ACTION	SITE ID	SITENAME	DEVICE ID	DEVICENAME	LATITUDE	LONGITUDE	DEPTH	PORT
Turn Off BBL Platform	1000221	BBL-SG-02	23099	S30012	49° 4.8313' N	123° 20.3679' W	142m	NP7
			23136	SeaBird CTD 16 plus 7287				SP1
			23140	Wetlabs ECO-NTUS 462				SP1
			525	RDI ADCP 300 kHz WH (SN 17955)				SP2
			1220	RDI ADCP 600kHz WH (SN 7992)				SP3
			23165	Sequoia LISST-100x 1339				SP4
			23095	Nortek Aquadopp HR-Profiler 5281				SP5
			23271	Nortek Vector Current Meter 4906				SP5



Dive Number:	OE0131
Date:	September 20 2014
Location:	Strait of Georgia Delta Node Site
Launch Time:	1230
Recovery Time:	1330
Objectives:	Recover Bottom Boundary Layer Experiment
Dive Coordinates:	
Delta Node:	49° 4.8447' N, 123° 20.3997' W
Bottom Boundary Layer Experiment:	49° 4.8313' N, 123° 20.3679' W
Submersible (ROV) Rigging Required for Dive:	
Dust Cap for ODI Connector	
Recovery Line (300m Blue Line with Sea Catch Hook) w/ Emergency Cutting Knife	
Seabird 19+ CTD w/ SBE43 Oxygen Sensor	
Dive Operations Order and Procedures:	
Deploy ROV	
Locate Delta Node	
Unplug BBL Experiment ODI Hose from Delta Node Port ##	
Install Dust Cap on Delta Node Port ##	
Fly BBL Experiment ODI Hose to BBL Experiment location and drop	
Clip recovery rope and hook into BBL Experiment	
Recover ROV with recovery rope below	
ROV On Deck	
Spool recovery rope onto recovery winch through block	
Recover BBL Experiment with ODI Hose below	
BBL Experiment on deck	
Recover BBL Experiment ODI Hose	
BBL Experiment ODI Hose on deck	



Dive Number:	OE0132
Date:	September 20 2014
Location:	Strait of Georgia Delta Node Site
Launch Time:	1600
Recovery Time:	1700
Objectives:	Inspect SLIP V5
	Recover SLIP V4

Ship Procedure and Operations:	
Assess weather and sea state. Proceed only when Master and ROV Supervisor agree it is safe to do so.	1530
Confirm ROV USBL Pole remains deployed from dive OE0130	1530
Deploy SLIP V5 via work wire and acoustic release; location as directed by Navigation	1530-1600
Upon completion of Dive Operations, recover and stow ROV USBL Pole	1700-1730

Shore Communications:	
On-Shore Team will tweet using the @oceannetworkops Twitter account at the beginning of the dive	
On-Shore Team will post the dive plan on the cruise web site	
On-Board Team will use Skype during operations as required	

Navigation:	
Record all positions noted by the Dive Chief	
Record all positions of items of note as requested by On-Board Team/On-Shore Team	
Direct ship positioning via ROV/Ship Navigation system as required	

Dive Chief:	
Record deviations from Dive Plan	
Record changes to site layout diagrams	

Digital Infrastructure Action Items:	
Shut down Node Port 2 at request of On-Board Team; Confirm all DI Drivers Stopped	

Site/Equipment IDs and Actions:								
ACTION	SITE ID	SITENAME	DEVICE ID	DEVICENAME	LATITUDE	LONGITUDE	DEPTH	PORT
Turn Off SLIP V4	1000209	SLIP-03	22785	S30008	49° 04.8455' N	123° 20.4413' W	146m	NP2
			23256	Paroscientific 8DP200-I (S/N 111089)				SP1
			23257	Paroscientific 8DP200-I S/N 111092)				SP2
			23258	Paroscientific 8DP200-I (S/N 111095)				SP3
			22855	Sidus Pan and Tilt (SN 1241)				SP4
			12120	Kistler 2128441				SP5
			12122	Omega D5000 1202				SP6
			22840	RST Thermistors (SLIP)				SP6
			12121	HMR3300 22024774				SP6
			1304	Wetlabs FLNTU 2473				SP6



Dive Number:	OE0132
Date:	September 20 2014
Location:	Strait of Georgia Delta Node Site
Launch Time:	1600
Recovery Time:	1700
Objectives:	Inspect SLIP V5
	Recover SLIP V4

Dive Coordinates:	
Delta Node:	49° 4.8447' N, 123° 20.3997' W
SLIP V4:	49° 4.8455' N, 123° 20.4413' W
Planned SLIP V5:	TBD

Submersible (ROV) Rigging Required for Dive:	
Dust Cap for ODI Connector	
Recovery Line (300m Blue Line with Sea Catch Hook) w/ Emergency Cutting Knife	
Seabird 19+ CTD w/ SBE43 Oxygen Sensor	

Dive Operations Order and Procedures:	
Deploy ROV	
Locate Delta Node	
Locate SLIP V5	
Record SLIP V5 position and vector data	
Locate SLIP V4	
Unplug SLIP V4 ODI Connector from Delta Node Port NP2	
Install Dust Cap on Central Node Port NP2	
Fly SLIP V4 ODI Hose to SLIP V4 location and drop	
Clip recovery rope and hook into SLIP V4	
Recover ROV with recovery rope below	
ROV On Deck	
Spool recovery rope onto recovery winch through block	
Recover SLIP V4 with ODI Hose below	
SLIP V4 On Deck	
Recover SLIP V4 ODI Hose	
SLIP V4 ODI Hose on deck	

Non-Dive Daytime Activity:	Passenger Disembarkation
Date:	September 20 2014
Location:	Strait of Georgia
Launch Time:	1800
Recovery Time:	1845
Objectives:	Drop off passengers via RHIB from Steveston Dock

Non-Dive Nighttime Activity:	Science Activities
Date:	September 20 2014
Location:	Various locations Strait of Georgia
Launch Time:	1900
Recovery Time:	0700 September 21 2014
Objectives:	CTD Casts



Dive Number:	OE0133
Date:	September 21 2014
Location:	Strait of Georgia DDL Platform Site
Launch Time:	0900
Recovery Time:	1030
Objectives:	Deploy DDL Platform

Ship Procedure and Operations:	
Assess weather and sea state. Proceed only when Master and ROV Supervisor agree it is safe to do so.	0800
Deploy ROV USBL Pole	0800-0830
Deploy SLIP V5 via work wire and acoustic release; location as directed by Navigation	0830-0900
Upon completion of Dive Operations, recover and stow ROV USBL Pole	1030-1100

Shore Communications:	
On-Shore Team will tweet using the @oceannetworkops Twitter account at the beginning of the dive	
On-Shore Team will post the dive plan on the cruise web site	
On-Board Team will use Skype during operations as required	

Navigation:	
Record all positions noted by the Dive Chief	
Record all positions of items of note as requested by On-Board Team/On-Shore Team	
Direct ship positioning via ROV/Ship Navigation system as required	

Dive Chief:	
Record deviations from Dive Plan	
Record changes to site layout diagrams	

Digital Infrastructure Action Items:	
Turn On DDL Node Port 7 at request of On-Board Team; Check Instrument Functionality; Start DI Drivers	

Site/Equipment IDs and Actions:								
ACTION	SITE ID	SITENAME	DEVICE ID	DEVICENAME	LATITUDE	LONGITUDE	DEPTH	PORT
Turn On DDL Platform	1000357	DDL-10	24	S30014	TBD	TBD	TBD	NP7
			22635	RDI ADCP 300 kHz WH (SN 2940)				SP1
			13213	SeaBird CTD 16 plus 6934				SP2
			25	ASL Zooplankton Acoustic Profiler 1009				SP4
			40	Nortek Vector Current Meter 4594				SP5
			1221	Imagenex 881A Sector 3899				SP5
			1222	Imagenex 881A Profile 3898				SP5
	1000358	DDL-10-S	Vector??		TBD	TBD	TBD	SP3



Dive Number:	OE0133
Date:	September 21 2014
Location:	Strait of Georgia Delta Platform Site
Launch Time:	0900
Recovery Time:	1030
Objectives:	Deploy DDL Platform
Dive Coordinates:	
Planned Delta Extension Cable Stand:	TBD ~ in close proximity to below, WSW
Planned DDL Platform:	TBD ~ 49° 5.1051' N, 123° 19.7855' W
Planned DDL Tripod:	TBD ~ 49° 5.1051' N, 123° 19.7855' W
Submersible (ROV) Rigging Required for Dive:	
Recovery Line (300m Blue Line with Sea Catch Hook) w/ Emergency Cutting Knife	
Seabird 19+ CTD w/ SBE43 Oxygen Sensor	
Dive Operations Order and Procedures:	
Deploy ROV	
Locate DDL Platform	
Locate Delta Extension Cable Stand	
Unplug Delta Extension Cable ODI Connector from Delta Extension Cable Stand	
Fly Delta Extension Cable ODI Connector to DDL Platform	
Remove Dust Cap from DDL Platform and stow	
Plug Delta Extension Cable ODI Connector into DDL Platform	
Remove DDL Tripod from DDL Platform and fly to position, dragging cable	
Place DDL Tripod in position and record position and vector information	
Locate DDL Extension Cable Stand	
Recover Delta Extension Cable Stand and stow	
Recover ROV	
ROV On Deck	



Dive Number:	OE0134
Date:	September 21 2014
Location:	Strait of Georgia Central Node Site
Launch Time:	1430
Recovery Time:	1600
Objectives:	Deploy Bottom Boundary Layer Experiment

Ship Procedure and Operations:	
Assess weather and sea state. Proceed only when Master and ROV Supervisor agree it is safe to do so.	1230
Deploy ROV USBL Pole	1230-1300
Deploy BBL Platform via work wire and acoustic release; location as directed by Navigation	1300-1330
Upon completion of Dive Operations, recover and stow ROV USBL Pole	1600-1630

Shore Communications:
On-Shore Team will tweet using the @oceannetworkops Twitter account at the beginning of the dive
On-Shore Team will post the dive plan on the cruise web site
On-Board Team will use Skype during operations as required

Navigation:
Record all positions noted by the Dive Chief
Record all positions of items of note as requested by On-Board Team/On-Shore Team
Direct ship positioning via ROV/Ship Navigation system as required

Dive Chief:
Record deviations from Dive Plan
Record changes to site layout diagrams

Digital Infrastructure Action Items:
Turn On SoG Central Node Port 7 at request of On-Board Team; Check Instrument Functionality; Start DI Drivers

Site/Equipment IDs and Actions:								
ACTION	SITE ID	SITENAME	DEVICE ID	DEVICENAME	LATITUDE	LONGITUDE	DEPTH	PORT
Turn On BBL Platform	1000356	BBL-SG-03	23099	S30012	TBD	TBD	TBD	NP7
			62	SeaBird CTD 16 plus 5270				
			23141	Wetlabs ECO-NTUS 461				
			525	RDI ADCP 300 kHz WH (SN 17955)				
			1220	RDI ADCP 600kHz WH (SN 7992)				
			23095	Nortek Aquadopp HR-Profiler 5281				
			23098	Nortek Vector Current Meter 4458				



Dive Number:	OE0134
Date:	September 21 2014
Location:	Strait of Georgia Central Node Site
Launch Time:	1430
Recovery Time:	1600
Objectives:	Deploy Bottom Boundary Layer Experiment
Dive Coordinates:	
Central Node:	49° 2.4262' N, 123° 25.5477' W
Planned Bottom Boundary Layer Experiment:	TBD
Submersible (ROV) Rigging Required for Dive:	
Recovery Line (300m Blue Line with Sea Catch Hook) w/ Emergency Cutting Knife	
Seabird 19+ CTD w/ SBE43 Oxygen Sensor	
Dive Operations Order and Procedures:	
Deploy ROV	
Locate Bottom Boundary Layer Experiment	
Record position and vector data for Bottom Boundary Layer Experiment	
Grab Bottom Boundary Layer Experiment ODI Hose and prepare hose for deployment	
Fly Bottom Boundary Layer Experiment ODI hose to Delta Node	
Remove Dust Cap from Delta Node Port NP2 and stow	
Plug Bottom Boundary Layer Experiment ODI Hose into Delta Node Port NP2	
Recover ROV	
ROV On Deck	



Non-Dive Daytime Activity:	Mooring Recovery and Deployment
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Date:	September 22 2014
Location:	Strait of Juan de Fuca 48° 30.488' N, 124° 44.947' W
Launch Time:	0800
Recovery Time:	1000
Objectives:	Recover and Deploy Mooring JF2C

Non-Dive Daytime Activity:	Mooring Recovery and Deployment
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Date:	September 22 2014
Location:	Strait of Juan de Fuca 48° 21.640' N, 124° 12.769' W
Launch Time:	1300
Recovery Time:	1500
Objectives:	Recover and Deploy Mooring JFCN