

Cruise: MGL1216

Date: 16/Aug/12

Reporter: TRS

Daily Report

Midnight Position / Info

deg min
Lat: 46° 08.746' N
Lon: 124° 49.334' W

Speed over Ground: 10.60kt
Heading: 275°

Water Depth: 1190m
Midnight SP: N/A

Wind: SSE 11 Seas: 2m

Current Equipment Deployed

All Equipment onboard

Technical Staff Onboard:

Sr. Science Officer - Tom Spoto
Science Tech - Bern McKiernan
Chief Scientist - Butterfield
Co-Chief Scientist -
Holden
Lilly
Stewart
Reddington
Rex
Kevin-Sterling
Hansen
Roe
Evans
Greene
Shuler
Vining
Sasagaw
Price
Davis
Jallickee

Daily Summary

The vessel began the day tied to the pier in Astoria Oregon. Continued the day preparing for sea. Vessel was to leave Astoria at 15:30 UTC, a part of one of the JASON experiments was not found. A replacement from Seattle was requested. Departure delayed until 1900 UTC. Continued securing and making connections between equipment. Langseth departed Astoria Pier 1 at 1900 UTC Julian Day 229 . Fire and Abandon ship drill completed

Vessel departed

Plan for Tomorrow

The vessel will transit to the first deployment site and start performing our scheduled activities.

Jason Support Crew

Verhein
McCue
Fernandez
Elder
McLean-Fuller
Scott

Time Analysis

MCS Production:

Prime: 0.000 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 0.000 Sail km

Time Breakdown:

Production 0:00
Line Change 0:00
Weather Downtime 0:00
Technical Downtime 0:00
External Downtime 0:00

OBS Rosette Drop Test 0:00
OBS Deployment 0:00
OBS Recovery 0:00
CTD Cast 0:00
Gravity Core 0:00
Piston Core 0:00
Multi Core 0:00
Sonar Survey 0:00
NSF/JMS Inspection 0:00

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 0:00
Air Compressor 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Ship Repair 0:00
Fishing Gear 0:00

Total: 0:00

PSOs:

Total: 24:00

Time Breakdown

[illegible]

Cruise: MGL1216

Date: 17/Aug/12

Reporter: TRS

Daily Report

Midnight Position / Info

deg min
Lat: 45° 55.888' N
Lon: 130° 000.697 W

Speed over Ground: 1.2kts
Heading: 192°

Water Depth: 1544m
Midnight SP: N/A

Wind: ESE 2kts **Seas:** 1m

Current Equipment Deployed

All Equipment onboard

Technical Staff Onboard:

Sr. Science Officer - Tom Spoto
Science Tech - Bern McKiernan
Chief Scientist - Butterfield
Co-Chief Scientist -
Holden
Lilly
Stewart
Reddington
Rex
Kevin-Sterling
Hansen
Roe
Evans
Greene
Shuler
Vining
Sasagaw
Price
Davis
Jallickee

Daily Summary

The vessel began the day transitting from the Port of Astoria to Axial. Wx was not bad, there was a fog layer initially that cleared through the evening. Calm seas at the site. Upon arrival the University of Washington vessel Dependable was on site, connecting up a network of sea floor nodes. Arrangements were made to work around this issue. Instead of starting on Axial the vessel has moved on to Ashe (45° 56.169'N - 130° 00.723'W). Deployed the USBL (pinger) pole followed by the Cassius Mooring deployment. Vessel ended the day practising maneuvers for future Jason recoveries.

Vessel departed

Plan for Tomorrow

The vessel should continue deployment and testing at Ashe. After Dependable completes it's project, Jason activities should commence forthwith at Axial.

Jason Support Crew

Verhein
McCue
Fernandez
Elder
McLean-Fuller
Scott

Time Analysis

MCS Production:

Prime: 0.000 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 0.000 Sail km

Time Breakdown:

Production 0:00
Line Change 0:00
Weather Downtime 0:00
Technical Downtime 0:00
External Downtime 0:00
OBS Rosette Drop Test 0:00
OBS Deployment 0:00
OBS Recovery 0:00
CTD Cast 0:00
Gravity Core 0:00
Piston Core 0:00
Multi Core 0:00
Sonar Survey 0:00
NSF/JMS Inspection 0:00

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 0:00
Air Compressor 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Ship Repair 0:00
Fishing Gear 0:00

Total: 0:00

PSOs:

Total: 24:00

Time Breakdown

[illegible]

Cruise: MGL1216

Date: 18/Aug/12

Reporter: TRS

Daily Report

Midnight Position / Info

deg min
Lat: 45° 55.029' N
Lon: 129° 39.576' W

Speed over Ground: 1.2kts
Heading: N/A

Water Depth: 1537m
Midnight SP: N/A

Wind: SE 8kts **Seas:** 1m

Current Equipment Deployed

CTD in the Water

Technical Staff Onboard:

Sr. Science Officer - Tom Spoto
Science Tech - Bern McKiernan
Chief Scientist - Butterfield
Co-Chief Scientist -
Holden
Lilly
Stewart
Reddington
Rex
Kevin-Sterling
Hansen
Roe
Evans
Greene
Shuler
Vining
Sasagaw
Price
Davis
Jallickee

Daily Summary

The vessel started the day practicing maneuvers for JASON deployments and recoveries. Our first over the side activity of the day was the deployment of the SCPR pressure transducer package to the seafloor. It was sent down using the CTD winch and wire. Following that we were to put JASON in the water, however a hydraulic issue on JASON delayed the launch so a CTD water sample cast was made instead. A third CTD cast was made before JASON was deemed ready for deployment. Ended day in the middle of the third CTD cast. All activities took place in a small operations area.

Vessel departed

Plan for Tomorrow

The vessel should finish the third CTD cast and then move on to JASON operations

Jason Support Crew

Verhein
McCue
Fernandez
Elder
McLean-Fuller
Scott

Time Analysis

MCS Production:

Prime: 0.000 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 0.000 Sail km

Time Breakdown:

Production 0:00
Line Change 0:00
Weather Downtime 0:00
Technical Downtime 0:00
External Downtime 0:00

OBS Rosette Drop Test 0:00
OBS Deployment 0:00
OBS Recovery 0:00
CTD Cast 3:01
Gravity Core 0:00
Piston Core 0:00
Multi Core 0:00
Sonar Survey 0:00
SCPR Package Cast 1:33

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 0:00
Air Compressor 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Ship Repair 0:00
Fishing Gear 0:00

Total: 0:00

PSOs:

Transit 0:00

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[illegible]

Cruise: MGL1216

Date: 19/Aug/12

Reporter: TRS

Daily Report

Midnight Position / Info

deg min
Lat: 45° 55.500' N
Lon: 130° 03.000' W

Speed over Ground: on DP
Heading: on DP

Water Depth: 1540m
Midnight SP: N/A

Wind: NW 8.5kts Seas: 1m

Current Equipment Deployed

CTD in the Water

Technical Staff Onboard:

Sr. Science Officer - Tom Spoto
Science Tech - Bern McKiernan
Chief Scientist - Butterfield
Co-Chief Scientist -
Holden
Lilly
Stewart
Reddington
Rex
Kevin-Sterling
Hansen
Roe
Evans
Greene
Shuler
Vining
Sasagaw
Price
Davis
Jallickee

Daily Summary

The new day found us doing a CTD cast. Following the CTD cast there was a successful launch of the ROV JASON. During the JASON dive the SCPR seabed pressure sensor was recovered. Following the recovery of the pressure sensor JASON was back on board. Two more CTD casts followed the JASON dive. We ended the day on the second of those two casts.

Vessel departed

Plan for Tomorrow

We should launch JASON once more and continue with the projects.

Jason Support Crew

Verhein
McCue
Fernandez
Elder
McLean-Fuller
Scott

Time Analysis

PSOs:

MCS Production:

Prime: 0.000 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 0.000 Sail km

Time Breakdown:

Production 0:00
Line Change 0:00
Weather Downtime 0:00
Technical Downtime 0:00
External Downtime 0:00
OBS Rosette Drop Test 0:00
OBS Deployment 0:00
OBS Recovery 0:00
CTD Cast 0:39
Gravity Core 0:00
Piston Core 0:00
Jason Operations 21:04
Sonar Survey 0:00
SCPR Package Cast 0:37

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 0:00
Air Compressor 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Ship Repair 0:00
Fishing Gear 0:00

Total: 0:00

Transit 1:40

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Cruise: MGL1216

Date: 20/Aug/12

Reporter: TRS

Daily Report

Midnight Position / Info

deg min
Lat: 45° 55.665' N
Lon: 129° 58.934' W

Speed over Ground: on DP
Heading: on DP

Water Depth: 1522m
Midnight SP: N/A

Wind: NW 5kts Seas: 1m

Current Equipment Deployed

ROV JASON

Technical Staff Onboard:

Sr. Science Officer - Tom Spoto
Science Tech - Bern McKiernan
Chief Scientist - Butterfield
Co-Chief Scientist -
Holden
Lilly
Stewart
Reddington
Rex
Kevin-Sterling
Hansen
Roe
Evans
Greene
Shuler
Vining
Sasagaw
Price
Davis
Jallickee

Daily Summary

We started the day in the middle of a CTD cast at 45° 55.500'N and 130° 03.000'W. We completed this cast and then moved on to a second CTD cast at 45° 56.774'N and 129° 59.092'W Both of these casts were in 1500 meters of water. At a little past 07:00 we deployed Jason at 45° 56.592'N and 129° 59.388'W. Jason has remained on the bottom since the deployment. A RAS water sampler was released by Jason from the bottom to ascend to the surface. It was recovered shortly after surfacing by the Langseth. End of day sees us with Jason still down at 1500meters.

Plan for Tomorrow

Continue with the science programs. Maintenance of the JASON Dynacon traction winch.

Jason Support Crew

Verhein
McCue
Fernandez
Elder
McLean-Fuller
Scott

Time Analysis

PSOs:

MCS Production:

Prime: 0.000 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 0.000 Sail km

Time Breakdown:

Production 0:00
Line Change 0:00
Weather Downtime 0:00
Technical Downtime 0:00
External Downtime 0:00
OBS Rosette Drop Test 0:00
OBS Deployment 0:00
OBS Recovery 0:00
CTD Cast 2:57
Gravity Core 0:00
Piston Core 0:00
Jason Operations 16:53
Pinger Pole Deployment 0:28
SCPR Package Cast 0:00

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 0:00
Air Compressor 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Ship Repair 0:00
Fishing Gear 0:00

Total: 0:00

Transit 1:00

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	Time	Amount of Time	Event	PRIME		INFILL		RESHOOT							
				FSP	LSP	Total SP	Sail Line KM	FSP	LSP	Total	Sail Line KM	FSP	LSP	Total	Sail Line KM
0:00	1:32	1:32	CTD Cast												
1:32	2:32	1:00	Transit to next site												
2:32	3:57	1:25	CTD Cast												
3:57	6:39	2:42	Waiting For Jason Deployment												
6:39	7:07	0:28	Pinger over the side												
7:07	0:00	16:53	JASON in the water												
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	SCPR	Production Line Change			Total Time			Prime				Infill			
			24:00		Sail	0.000			Sail	0.000			Sail	0.000	
Source		Streamer		Total Sail Line KM											
0.000															
	Transit	On Site	Sonar												
	MMO/PAM DT		Other												

Cruise: MGL1216

Date: 21/Aug/12

Reporter: TRS

Daily Report

Midnight Position / Info

deg min
Lat: 47° 44.916' N
Lon: 128° 056.947 W

Speed over Ground: 11.80kt
Heading: 114.71°

Water Depth: 2562m
Midnight SP: N/A

Wind: WNW 16kts Seas: 1m

Current Equipment Deployed

Technical Staff Onboard:

Sr. Science Officer - Tom Spoto
Science Tech - Bern McKiernan
Chief Scientist - Butterfield
Co-Chief Scientist -
Holden
Lilly
Stewart
Reddington
Rex
Kevin-Sterling
Hansen
Roe
Evans
Greene
Shuler
Vining
Sasagaw
Price
Davis
Jallickee

Daily Summary

Start of the day had us with JASON down at about 1500m. At the end of the dive Jason was brought on board and a transit to Middle Valley was begun. During the transit the winch for JASON was looked at because iof issues the support crew were having with it. An issue with the lead screw was found. The problem is severe enough to require new parts be sent to the vessel. After a transit of of approx. 10 -1/2 hours the vesselk was at 47° 41.901'N and 129° 04.048'W where a "Drifter" free floating magnetometer named Sleepy was released. Five more followed; Grumpy 47° 42.929'N & 129° 03.929'W, Sneezy 47° 43.953'N & 129° 04.000'W, Doc 47° 44.938'N & 129° 03.990'W, Dopey 47° 45.930'N & 129° 03.990'W, Bashful 47° 46.930'N & 129° 03.987'W . Following the Drifter deployments the end of the day found us in transit to Astoria, OR to collect the parts for the JASON tensioning winch.

Plan for Tomorrow

Arrive Astoria, Oregon, and repair the traction winch. Off load some of the science party and some of their gear.

Jason Support Crew
Verhein
McCue
Fernandez
Elder
McLean-Fuller
Scott

Time Analysis

PSOs:

MCS Production:

Prime: 0.000 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 0.000 Sail km

Time Breakdown:

Production 0:00
Line Change 0:00
Weather Downtime 0:00
Technical Downtime 0:00
External Downtime 0:00

OBS Rosette Drop Test 0:00
OBS Deployment 0:00
OBS Recovery 0:00
CTD Cast 0:00
Gravity Core 0:00
Piston Core 0:00
Jason Operations 11:36
Pinger Pole Recovery 0:09
SCPR Package Cast 0:00

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 0:00
Air Compressor 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Ship Repair 0:00
Fishing Gear 0:00

Total: 0:00

Deploying Drifter Buoys 0:58
Transit 11:17

Total: 24:00

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Time Breakdown

	Time	Amount of Time	Event	PRIME		Total SP	Sail Line KM	INFILL		Total	Sail Line KM	RESHOOT		Total	Sail Line KM
				FSP	LSP			FSP	LSP			FSP	LSP		
0:00	11:36	11:36	Operating Jason												
11:36	11:45	0:09	Recovering Pinger Pole												
11:45	22:33	10:48	Transit to Middle Valley												
22:33	23:31	0:58	Deploying Drifters												
23:31	0:00	0:29	Transit to Astoria												
0:00	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
SCPR	Production	Line Change													
	Source	Streamer													
	Transit	On Site	Sonar												
	MMO/PAM DT	Other													
				Total Time			Prime				Infill				Reshoot
				24:00		Sail	0.000			Sail	0.000			Sail	0.000
				Total Sail Line KM											
				0.000											

Cruise: MGL1216

Date: 22/Aug/12

Reporter: TRS

Daily Report

Midnight Position / Info

deg min
Lat: 46° 011.423' N
Lon: 123° 051.571' W

Speed over Ground: At Dock
Heading: At Dock

Water Depth: 2562m
Midnight SP: N/A

Wind: At Dock Seas: At Dock

Current Equipment Deployed

Technical Staff Onboard:

Sr. Science Officer - Tom Spoto
Science Tech - Bern McKiernan
Chief Scientist - Tivey
Co-Chief Scientist -
Tominaga
Farr Ware
Pontbriand
Pelletier
Jallickee
Evans
Kevis-Sterling
Varnum
Hansen
Scott
McCue
Billings
Elder
Fernandez
Verhein
McCoy

Daily Summary

Day started while in transit to Astoria, Oregon. Assisting in getting gear ready for removal from vessel. Preparations for arrival and dockside time in Astoria. While in Astoria we received parts necessary for the repair of JASON's Dynacon traction winch. Replaced the lead screw of the level winder with a used unit from the level winder carriage sent from OSU, Newport, Oregon. Day ended before system checks were complete Day ended dockside in Astoria, Oregon. Many of the science party departed the vessel due to previous engagements, end of their science project on the Langseth or the ability to take what was needed and continue the experiments on land.

Plan for Tomorrow

Complete test of Dynacon winch, proceed to deep water and test winch under load. If it passes acceptance tests we'll head to Middle Valley.

Time Analysis

PSOs:

MCS Production:

Prime: 0.000 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 0.000 Sail km

Time Breakdown:

Production 0:00
Line Change 0:00
Weather Downtime 0:00
Technical Downtime 0:00
External Downtime 0:00
OBS Rosette Drop Test 0:00
OBS Deployment 0:00
OBS Recovery 0:00
CTD Cast 0:00
Gravity Core 0:00
Tieing up Vessel 0:15
Jason Winch Repair 3:33
Pinger Pole Recovery 0:00
Maneuvering 2:03

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 0:00
Air Compressor 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Ship Repair 0:00
Fishing Gear 0:00

Total: 0:00

Deploying Drifter Buoys 0:00
Transit 18:09

Total: 24:00

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Time Breakdown

[illegible]

Cruise: MGL1216

Date: 23/Aug/12

Reporter: TRS

Daily Report

Midnight Position / Info

deg min
Lat: 48° 008.278 N
Lon: 128° 004.008 W
Speed over Ground: 10.40kt
Heading: 304°
Water Depth: 2606m
Midnight SP: N/A
Wind: 19 Seas: 1-2m

Current Equipment Deployed

Technical Staff Onboard:

Sr. Science Officer - Tom Spoto
Science Tech - Bern McKiernan
Chief Scientist - Tivey
Co-Chief Scientist -
Tominaga
Farr
Pontbriand
Pelletier
Jallickee
Evans
Kevis-Sterling
Varnum
Hansen
Scott
McCue
Billings
Elder
Fernandez
Verhein
McCoy
Ware

Daily Summary

Started the day dockside in Astoria, Oregon. Repair of the JASON Dynacon winch was the order of the day. Upon completion of repairs the level winder was run back and for the the length of the lead screw. A load test was then given the winch. It held at 12,200lbs. Vessel departed Astoria nd headed to deep water to test the winch under load. In 900m of water at 46° 24.478'N - 124° 37.756'W Medea was placed over the side as a test weight. Wire was run out to 650m, and brought back. Winch performed as normal. Medea secured and vessel resumed course for Middle Valley and first deployment. Transit to end of day.

Plan for Tomorrow

Deploy JASON and Medea in Middle Valley.

Time Analysis

PSOs:

MCS Production:

Prime: 0.000 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 0.000 Sail km

Time Breakdown:

Production 0:00
Line Change 0:00
Weather Downtime 0:00
Technical Downtime 0:00
External Downtime 0:00
OBS Rosette Drop Test 0:00
OBS Deployment 0:00
OBS Recovery 0:00
CTD Cast 0:00
Gravity Core 0:00
Vessel Dockside 2:48
Jason Winch Test 1:01
Pinger Pole Recovery 0:00
Maneuvering 1:20

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 0:00
Air Compressor 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Ship Repair 0:00
Fishing Gear 0:00

Total: 0:00

Deploying Drifter Buoys 0:00
Transit 18:51

Total: 24:00

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Time Breakdown

	Time	Amount of Time	Event	PRIME		Total SP	Sail Line KM	INFILL		Total	Sail Line KM	RESHOOT		Total	Sail Line KM
				FSP	LSP			FSP	LSP			FSP	LSP		
0:00	2:48	2:48	Dock side Astoria												
2:48	4:08	1:20	Maneuvering												
4:08	6:23	2:15	Transit												
6:23	7:24	1:01	Dynacon Test												
7:24	0:00	16:36	Transit												
0:00	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
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	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	0:00	0:00													
	SCPR	Production Line Change			Total Time			Prime				Infill			
			24:00		Sail	0.000			Sail	0.000			Sail	0.000	
Source		Streamer		Total Sail Line KM											
		0.000													
	Transit	On Site	Sonar												
	MMO/PAM DT		Other												

Cruise: MGL1216

Date: 24/Aug/12

Reporter: TRS

Daily Report

Midnight Position / Info

deg min
Lat: 47° 53.247' N
Lon: 128° 38.879' W

Speed over Ground: On DP
Heading: On DP

Water Depth: 2612m
Midnight SP: N/A

Wind: N 8kts Seas: 1m

Current Equipment Deployed

Pinger Pole on the side of the ship

Technical Staff Onboard:

Sr. Science Officer - Tom Spoto
Science Tech - Bern McKiernan
Chief Scientist - Tivey
Co-Chief Scientist -
Tominaga
Farr
Pontbriand
Pelletier
Jallickee
Evans
Kevis-Sterling
Varnum
Hansen
Scott
McCue
Billings
Elder
Fernandez
Verhein
McCoy
Ware

Daily Summary

Started the day in transit to Jason deployment site 48° 26.508'N - 128° 42.653'W. Deployed Jason for 10-1/2 hours. We then put the CTD frame over the side to hold optical communications equipment and dropped it to the sea-floor to communicate with the instrument at this site. Following this we went to recover a "Drifter" free floating magnetometer that was malfunctioning. We then continued on toward the second Jason deployment site at current location. A Sea Floor Mooring was prepared for deployment and then deployed. At end of day Jason was still on board.

Plan for Tomorrow

Deply JASON for approx 12 hours, following that with a CTD cast, and then start the transit back to Astoria.

Time Analysis

PSOs:

MCS Production:

Prime: 0.000 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 0.000 Sail km

Time Breakdown:

Production 0:00
Line Change 0:00
Weather Downtime 0:00
Technical Downtime 0:00
External Downtime 0:00
OBS Rosette Drop Test #NAME?
OBS Deployment 0:00
OBS Recovery 0:00
CTD Cast 4:01
Gravity Core 0:00
Vessel Dockside 0:00
On Site 1:07
Jason Dive 10:32
Collecting Drifter 3:43

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 0:00
Air Compressor 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Ship Repair 0:00
Fishing Gear 0:00

Total: 0:00

Deploying Mooring 0:27
Transit 4:10

Total: 24:00

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Time Breakdown

[illegible]

Cruise: MGL1216

Date: 25/Aug/12

Reporter: TRS

Daily Report

Midnight Position / Info

deg min
Lat: 47° 07.792' N
Lon: 126° 38.645' W

Speed over Ground: 7.5kts

Heading: 119°

Water Depth: 2562m

Midnight SP: N/A

Wind: NE 3.4 kts Seas: 1m

Current Equipment Deployed

Technical Staff Onboard:

Sr. Science Officer - Tom Spoto

Science Tech - Bern McKiernan

Chief Scientist - Tivey

Co-Chief Scientist -

Tominaga

Farr Ware

Pontbriand

Pelletier

Jallickee

Evans

Kevis-Sterling

Varnum

Hansen

Scott

McCue

Billings

Elder

Fernandez

Verhein

McCoy

Daily Summary

Day started with the vessel on station awaiting Jason deployment. Jason was deployed about an hour into the day and stayed down for about 9-1/2 hours. Following the Jason dive was a CTD cast. At 13:10 the gear was all on board and a transit back to Astoria began. Tasks following the recovery involved breaking the equipment down demobing to prepare for removal of the Jason cruise equipment upon arrival in Astoria. Ended day transiting to Astoria, Oregon.

Plan for Tomorrow

Transit to Astoria, OR. Tie up alongside and de-mob the vessel.

Time Analysis

PSOs:

MCS Production:

Prime: 0.000 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 0.000 Sail km

Time Breakdown:

Production 0:00

Line Change 0:00

Weather Downtime 0:00

Technical Downtime 0:00

External Downtime 0:00

OBS Rosette Drop Test 0:00

OBS Deployment 0:00

OBS Recovery 0:00

0:00

Prepping Deck for CTD 0:35

CTD Cast 1:48

Jason Deployment 9:20

Pinger Pole Recovery 0:18

Standby 1:09

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Total: 0:00

Securing Deck 0:06
Transit 10:44

Total: 24:00

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Time Breakdown

[illegible]

Cruise: MGL1216

Date: 25/Aug/12

Reporter: TRS

Daily Report

Midnight Position / Info

deg min
Lat: 46° 11.443' N
Lon: 123° 051.557 W
Wind: SSW 3 kts Seas: N/A
Speed over Ground: N/A
Heading: N/A
Water Depth: N/A
Midnight SP: N/A

Current Equipment Deployed

Technical Staff Onboard:

Sr. Science Officer - Tom Spoto
Science Tech - Bern McKiernan
Chief Scientist - Tivey
Co-Chief Scientist -
Tominaga
Farr
Pontbriand
Pelletier
Jallickee
Evans
Kevis-Sterling
Varnum
Hansen
Scott
McCue
Billings
Elder
Fernandez
Verhein
McCoy
Ware

Daily Summary

Day started in transit to Astoria, Oregon. On going projects were the de-mob efforts readying the vessel for offloading once we arrived in port. Arrived in port late morning local time, and proceeded to offload equipment. End of day found the vessel continuing the de-mob process.

Plan for Tomorrow

Continue de-mob until complete. Balance of science party depart vessel.

Time Analysis

PSOs:

MCS Production:

Prime: 0.000 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 0.000 Sail km

Time Breakdown:

Production 0:00
Line Change 0:00
Weather Downtime 0:00
Technical Downtime 0:00
External Downtime 0:00
OBS Rosette Drop Test 0:00
OBS Deployment 0:00
OBS Recovery 0:00
0:00
Prepping Deck for CTD 0:00
CTD Cast 0:00
Jason Deployment 0:00
Pinger Pole Recovery 0:00
Pierside 5:53

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 0:00
Air Compressor 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Ship Repair 0:00
Fishing Gear 0:00

Total: 0:00

Transit 15:10

Total: 24:00

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Time Breakdown

[illegible]