

Cruise : MGL1209

To: Office of Marine Operations
Cc: Reports Group
Fm: Jay Johnstone (Science Officer)

**Transit - Honolulu to Astoria
R/V Marcus G. Langseth**

1. MCS PRODUCTION SUMMARY

2012-05-28	<u>Sailed Km</u>
Prime	0.000
Infill	0.000
Reshoot	0.000
Total:	0.000

2. STATISTICAL ANALYSIS (HH:MM)

<u>Time Activity Analysis</u>	2012-05-28
MCS Production	0.00
MCS Line Change	0:00
Weather	0:00
Instrument Acquisition	0:00
Instrument Navigation	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
Hydraulics	0:00
Source	0.00
Streamer	0:00
Seismic Air Compressor	0:00
Mitigation/PAM	0:00
Transit	1:50
Ship Repair	0:00
Maneuvering	0:00
Port Call	22:10
Other	0:00
Total:	24:00

UTC Midnight (24:00) Position / Heading:

21° 11.6059' N	157° 45.1248' W
Wind: NE @ 25 Kts	Seas: 2m Depth: 597 m
SPD: 2.2 kts	HDG: 85deg

Cruise : MGL1209

To: Office of Marine Operations
Cc: Reports Group
Fm: Jay Johnstone (Science Officer)

**Transit - Honolulu to Astoria
R/V Marcus G. Langseth**

3. TIME SUMMARY

	Time	Event
00:00	22:08	Last Line off dock
22:09	22:42	Departed Honolulu, pilot off EM122, Knudsen, ADCP started up
22:43	22:44	for MGL1209
22:45	24:00	In transit to Astoria

4. Comments

Science Technical staff on board:

Science Officer – Jay Johnstone
Marine Tech – Bern McKeirnan

Science Party on board:

None

Marine Mammal Observer Staff on board:

None

5. Daily Summary:

Alongside completing loading of ship for transit to Astoria. Departed Honolulu 12:10 local / 22:10 UTC.

Work in Progress:

Transit work routine / monitoring equipment.

Tomorrow:

Transit continues.

Regards
Jay Johnstone

Cruise : MGL1209

To: Office of Marine Operations
Cc: Reports Group
Fm: Jay Johnstone (Science Officer)

Transit - Honolulu to Astoria
R/V Marcus G. Langseth

1. MCS PRODUCTION SUMMARY

2012-05-29	<u>Sailed Km</u>
Prime	0.000
Infill	0.000
Reshoot	0.000
Total:	0.000

2. STATISTICAL ANALYSIS (HH:MM)

<u>Time Activity Analysis</u>	2012-05-29
MCS Production	0.00
MCS Line Change	0:00
Weather	0:00
Instrument Acquisition	0:00
Instrument Navigation	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
Hydraulics	0:00
Source	0.00
Streamer	0:00
Seismic Air Compressor	0:00
Mitigation/PAM	0:00
Transit	24:00
Ship Repair	0:00
Maneuvering	0:00
Port Call	0:00
Other	0:00
Total:	24:00

UTC Midnight (24:00) Position / Heading:

23° 38.5037' N	155° 22.5324' W	
Wind: E @ 10 Kts	Seas: 1-2m	Depth: 4107 m
SOG: 10.4 kts	HDG: 43.5deg	

Cruise : MGL1209

To: Office of Marine Operations
Cc: Reports Group
Fm: Jay Johnstone (Science Officer)

**Transit - Honolulu to Astoria
R/V Marcus G. Langseth**

3. TIME SUMMARY

Time	Event
00:00	24:00 Last Line off dock

4. Comments

Science Technical staff on board:

Science Officer – Jay Johnstone
Marine Tech – Bern McKeirnan

Science Party on board:

None

Marine Mammal Observer Staff on board:

None

5. Daily Summary:

In transit full day heading to Astoria, OR, weather improving as day progresses allowing for increased vessel speed.

Dropped XBT while underway
Fire and Boat drill performed
HSN back online after sourcing problem on lang-fw machine
Monitoring equipment as required

Work in Progress:

Transit work routine / monitoring equipment.

Tomorrow:

Transit continues.

Regards
Jay Johnstone

Cruise : MGL1209

To: Office of Marine Operations
Cc: Reports Group
Fm: Jay Johnstone (Science Officer)

**Transit - Honolulu to Astoria
R/V Marcus G. Langseth**

1. MCS PRODUCTION SUMMARY

2012-05-30	<u>Sailed Km</u>
Prime	0.000
Infill	0.000
Reshoot	0.000
Total:	0.000

2. STATISTICAL ANALYSIS (HH:MM)

<u>Time Activity Analysis</u>	2012-05-30
MCS Production	0.00
MCS Line Change	0:00
Weather	0:00
Instrument Acquisition	0:00
Instrument Navigation	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
Hydraulics	0:00
Source	0.00
Streamer	0:00
Seismic Air Compressor	0:00
Mitigation/PAM	0:00
Transit	24:00
Ship Repair	0:00
Maneuvering	0:00
Port Call	0:00
Other	0:00
Total:	24:00

UTC Midnight (24:00) Position / Heading:

26° 47.8938' N	152° 28.0809' W	
Wind: NE @ 10 Kts	Seas: 1m	Depth: 5523 m
SOG: 10.1 kts	HDG: 43deg	

Cruise : MGL1209

To: Office of Marine Operations

Cc: Reports Group

Fm: Jay Johnstone (Science Officer)

Transit - Honolulu to Astoria

R/V Marcus G. Langseth

3. TIME SUMMARY

Time	Event
00:00	24:00 In transit

4. Comments

Science Technical staff on board:

Science Officer – Jay Johnstone

Marine Tech – Bern McKeirnan

Science Party on board:

None

Marine Mammal Observer Staff on board:

None

5. Daily Summary:

In transit full day heading to Astoria, OR, good weather for last 24 hours, making good speed.

Dropped XBT, water temp at 800m much warmer than yesterday so not using drop data on SIS

HSN online and all good

Monitoring equipment as required

Work in Progress:

Transit work routine / monitoring equipment.

Tomorrow:

Transit continues.

Regards

Jay Johnstone

Cruise : MGL1209

To: Office of Marine Operations
Cc: Reports Group
Fm: Jay Johnstone (Science Officer)

**Transit - Honolulu to Astoria
R/V Marcus G. Langseth**

1. MCS PRODUCTION SUMMARY

2012-05-31	<u>Sailed Km</u>
Prime	0.000
Infill	0.000
Reshoot	0.000
Total:	0.000

2. STATISTICAL ANALYSIS (HH:MM)

<u>Time Activity Analysis</u>	2012-05-31
MCS Production	0.00
MCS Line Change	0:00
Weather	0:00
Instrument Acquisition	0:00
Instrument Navigation	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
Hydraulics	0:00
Source	0.00
Streamer	0:00
Seismic Air Compressor	0:00
Mitigation/PAM	0:00
Transit	24:00
Ship Repair	0:00
Maneuvering	0:00
Port Call	0:00
Other	0:00
Total:	24:00

UTC Midnight (24:00) Position / Heading:

29° 53.8193' N	149° 12.7466' W	
Wind: calm	Seas: calm, long swell	Depth: 5241 m
SOG: 11.0 kts	HDG: 45deg	

Cruise : MGL1209

To: Office of Marine Operations

Cc: Reports Group

Fm: Jay Johnstone (Science Officer)

Transit - Honolulu to Astoria

R/V Marcus G. Langseth

3. TIME SUMMARY

Time	Event
00:00	24:00 In transit

4. Comments

Science Technical staff on board:

Science Officer – Jay Johnstone

Marine Tech – Bern McKeirnan

Science Party on board:

None

Marine Mammal Observer Staff on board:

None

5. Daily Summary:

In transit full day heading to Astoria, OR, good weather for last 24 hours, making good speed.

Dropped XBT, data imported on SIS

HSN offline this morning local for UPS upgrades at Scripps, back online now

Repairs to Posnet cabling

Monitoring equipment as required

Work in Progress:

Transit work routine / monitoring equipment.

Tomorrow:

Transit continues.

Regards

Jay Johnstone

Cruise : MGL1209

To: Office of Marine Operations
Cc: Reports Group
Fm: Jay Johnstone (Science Officer)

**Transit - Honolulu to Astoria
R/V Marcus G. Langseth**

1. MCS PRODUCTION SUMMARY

2012-06-01	<u>Sailed Km</u>
Prime	0.000
Infill	0.000
Reshoot	0.000
Total:	0.000

2. STATISTICAL ANALYSIS (HH:MM)

<u>Time Activity Analysis</u>	2012-06-01
MCS Production	0.00
MCS Line Change	0:00
Weather	0:00
Instrument Acquisition	0:00
Instrument Navigation	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
Hydraulics	0:00
Source	0.00
Streamer	0:00
Seismic Air Compressor	0:00
Mitigation/PAM	0:00
Transit	24:00
Ship Repair	0:00
Maneuvering	0:00
Port Call	0:00
Other	0:00
Total:	24:00

UTC Midnight (24:00) Position / Heading:

32° 58.0539' N	145° 44.3619' W	
Wind: W @ 7kts	Seas: calm, long swell	Depth: 5545 m
SOG: 10.4 kts	HDG: 45deg	

Cruise : MGL1209

To: Office of Marine Operations

Cc: Reports Group

Fm: Jay Johnstone (Science Officer)

Transit - Honolulu to Astoria

R/V Marcus G. Langseth

3. TIME SUMMARY

Time	Event
00:00 24:00	In transit

4. Comments

Science Technical staff on board:

Science Officer – Jay Johnstone

Marine Tech – Bern McKeirnan

Science Party on board:

None

Marine Mammal Observer Staff on board:

None

5. Daily Summary:

In transit full day heading to Astoria, OR, good weather for last 24 hours, making good speed.

Dropped XBT, data imported on SIS

HSN online all day

Monitoring equipment as required

Work in Progress:

Transit work routine / monitoring equipment.

Tomorrow:

Transit continues.

Regards

Jay Johnstone

Cruise : MGL1209

To: Office of Marine Operations
Cc: Reports Group
Fm: Jay Johnstone (Science Officer)

**Transit - Honolulu to Astoria
R/V Marcus G. Langseth**

1. MCS PRODUCTION SUMMARY

2012-06-02	<u>Sailed Km</u>
Prime	0.000
Infill	0.000
Reshoot	0.000
Total:	0.000

2. STATISTICAL ANALYSIS (HH:MM)

<u>Time Activity Analysis</u>	2012-06-02
MCS Production	0.00
MCS Line Change	0:00
Weather	0:00
Instrument Acquisition	0:00
Instrument Navigation	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
Hydraulics	0:00
Source	0.00
Streamer	0:00
Seismic Air Compressor	0:00
Mitigation/PAM	0:00
Transit	24:00
Ship Repair	0:00
Maneuvering	0:00
Port Call	0:00
Other	0:00
Total:	24:00

UTC Midnight (24:00) Position / Heading:

35° 56.6585' N	141° 58.0157' W	
Wind: NW @ 20kts	Seas: 1m	Depth: 5338 m
SOG: 11.0 kts	HDG: 45deg	

Cruise : MGL1209

To: Office of Marine Operations

Cc: Reports Group

Fm: Jay Johnstone (Science Officer)

Transit - Honolulu to Astoria

R/V Marcus G. Langseth

3. TIME SUMMARY

Time	Event
00:00 24:00	In transit

4. Comments

Science Technical staff on board:

Science Officer – Jay Johnstone

Marine Tech – Bern McKeirnan

Science Party on board:

None

Marine Mammal Observer Staff on board:

None

5. Daily Summary:

In transit full day heading to Astoria, OR, good weather for last 24 hours, making good speed.

Dropped XBT, data imported on SIS

HSN online all day

Monitoring equipment as required

Work in Progress:

Transit work routine / monitoring equipment.

Tomorrow:

Transit continues.

Regards

Jay Johnstone

Cruise : MGL1209

To: Office of Marine Operations
Cc: Reports Group
Fm: Jay Johnstone (Science Officer)

**Transit - Honolulu to Astoria
R/V Marcus G. Langseth**

1. MCS PRODUCTION SUMMARY

2012-06-03	<u>Sailed Km</u>
Prime	0.000
Infill	0.000
Reshoot	0.000
Total:	0.000

2. STATISTICAL ANALYSIS (HH:MM)

<u>Time Activity Analysis</u>	2012-06-03
MCS Production	0.00
MCS Line Change	0:00
Weather	0:00
Instrument Acquisition	0:00
Instrument Navigation	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
Hydraulics	0:00
Source	0.00
Streamer	0:00
Seismic Air Compressor	0:00
Mitigation/PAM	0:00
Transit	24:00
Ship Repair	0:00
Maneuvering	0:00
Port Call	0:00
Other	0:00
Total:	24:00

UTC Midnight (24:00) Position / Heading:

38° 30.0798' N	138° 24.0117' W	
Wind: N @ 20kts	Seas: 1-2m	Depth: 4973 m
SOG: 10.0 kts	HDG: 45deg	

Cruise : MGL1209

To: Office of Marine Operations

Cc: Reports Group

Fm: Jay Johnstone (Science Officer)

Transit - Honolulu to Astoria

R/V Marcus G. Langseth

3. TIME SUMMARY

Time	Event
00:00	24:00 In transit

4. Comments

Science Technical staff on board:

Science Officer – Jay Johnstone

Marine Tech – Bern McKeirnan

Science Party on board:

None

Marine Mammal Observer Staff on board:

None

5. Daily Summary:

In transit full day heading to Astoria, OR.

Dropped XBT, data imported on SIS

HSN online all day

Monitoring equipment as required

Work in Progress:

Transit work routine / monitoring equipment.

Tomorrow:

Transit continues.

Regards

Jay Johnstone

Cruise : MGL1209

To: Office of Marine Operations
Cc: Reports Group
Fm: Jay Johnstone (Science Officer)

Transit - Honolulu to Astoria
R/V Marcus G. Langseth

1. MCS PRODUCTION SUMMARY

2012-06-04	<u>Sailed Km</u>
Prime	0.000
Infill	0.000
Reshoot	0.000
Total:	0.000

2. STATISTICAL ANALYSIS (HH:MM)

<u>Time Activity Analysis</u>	2012-06-04
MCS Production	0.00
MCS Line Change	0:00
Weather	0:00
Instrument Acquisition	0:00
Instrument Navigation	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
Hydraulics	0:00
Source	0.00
Streamer	0:00
Seismic Air Compressor	0:00
Mitigation/PAM	0:00
Transit	24:00
Ship Repair	0:00
Maneuvering	0:00
Port Call	0:00
Other	0:00
Total:	24:00

UTC Midnight (24:00) Position / Heading:

41° 06.1152' N	134° 17.1821' W	
Wind: NW @ 15kts	Seas: 1-2m	Depth: 4093 m
SOG: 10.5 kts	HDG: 50deg	

Cruise : MGL1209

To: Office of Marine Operations

Cc: Reports Group

Fm: Jay Johnstone (Science Officer)

Transit - Honolulu to Astoria

R/V Marcus G. Langseth

3. TIME SUMMARY

Time	Event
00:00	24:00 In transit

4. Comments

Science Technical staff on board:

Science Officer – Jay Johnstone

Marine Tech – Bern McKeirnan

Science Party on board:

None

Marine Mammal Observer Staff on board:

None

5. Daily Summary:

In transit full day heading to Astoria, OR.

Dropped XBT, data imported on SIS

HSN online all day

Monitoring equipment as required

cJoy not accepting cnav3050 input, need support from Kongsberg. Confirmed serial input into cJoy is ok.

Work in Progress:

Transit work routine / monitoring equipment.

Tomorrow:

Transit continues.

Regards

Jay Johnstone

Cruise : MGL1209

To: Office of Marine Operations
Cc: Reports Group
Fm: Jay Johnstone (Science Officer)

**Transit - Honolulu to Astoria
R/V Marcus G. Langseth**

1. MCS PRODUCTION SUMMARY

2012-06-06	<u>Sailed Km</u>
Prime	0.000
Infill	0.000
Reshoot	0.000
Total:	0.000

2. STATISTICAL ANALYSIS (HH:MM)

<u>Time Activity Analysis</u>	2012-06-06
MCS Production	0.00
MCS Line Change	0:00
Weather	0:00
Instrument Acquisition	0:00
Instrument Navigation	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
Hydraulics	0:00
Source	0.00
Streamer	0:00
Seismic Air Compressor	0:00
Mitigation/PAM	0:00
Transit	24:00
Ship Repair	0:00
Maneuvering	0:00
Port Call	0:00
Other	0:00
Total:	24:00

UTC Midnight (24:00) Position / Heading:

45° 15.5410' N	126° 14.4578' W	
Wind: S @ 15kts	Seas: 1m	Depth: 2709 m
SOG: 8.6 kts	HDG: 55deg	

Cruise : MGL1209

To: Office of Marine Operations

Cc: Reports Group

Fm: Jay Johnstone (Science Officer)

Transit - Honolulu to Astoria

R/V Marcus G. Langseth

3. TIME SUMMARY

Time	Event
00:00	24:00 In transit

4. Comments

Science Technical staff on board:

Science Officer – Jay Johnstone

Marine Tech – Bern McKeirnan

Science Party on board:

None

Marine Mammal Observer Staff on board:

None

5. Daily Summary:

In transit full day heading to Astoria, OR.

Dropped XBT T-5 (2217m), data imported on SIS

HSN online all day

Monitoring equipment as required – Seapath and EM122 required restart after Seapath “hiccup”

Joint H&S committee meeting and dept x-audits

Start working on birds for MGL1211

Work in Progress:

Transit work routine / monitoring equipment.

Tomorrow:

Transit completed, start offloading OSU containers, etc.

ETA Astoria, Oregon: 0800 June 7, 2012 alongside

Regards

Jay Johnstone

Cruise : MGL1209

To: Office of Marine Operations
Cc: Reports Group
Fm: Jay Johnstone (Science Officer)

**Transit - Honolulu to Astoria
R/V Marcus G. Langseth**

1. MCS PRODUCTION SUMMARY

2012-06-06	<u>Sailed Km</u>
Prime	0.000
Infill	0.000
Reshoot	0.000
Total:	0.000

2. STATISTICAL ANALYSIS (HH:MM)

<u>Time Activity Analysis</u>	2012-06-06
MCS Production	0.00
MCS Line Change	0:00
Weather	0:00
Instrument Acquisition	0:00
Instrument Navigation	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
Hydraulics	0:00
Source	0.00
Streamer	0:00
Seismic Air Compressor	0:00
Mitigation/PAM	0:00
Transit	24:00
Ship Repair	0:00
Maneuvering	0:00
Port Call	0:00
Other	0:00
Total:	24:00

UTC Midnight (24:00) Position / Heading:

45° 15.5410' N	126° 14.4578' W	
Wind: S @ 15kts	Seas: 1m	Depth: 2709 m
SOG: 8.6 kts	HDG: 55deg	

Cruise : MGL1209

To: Office of Marine Operations

Cc: Reports Group

Fm: Jay Johnstone (Science Officer)

Transit - Honolulu to Astoria

R/V Marcus G. Langseth

3. TIME SUMMARY

Time	Event
00:00	24:00 In transit

4. Comments

Science Technical staff on board:

Science Officer – Jay Johnstone

Marine Tech – Bern McKeirnan

Science Party on board:

None

Marine Mammal Observer Staff on board:

None

5. Daily Summary:

In transit full day heading to Astoria, OR.

Dropped XBT T-5 (2217m), data imported on SIS

HSN online all day

Monitoring equipment as required – Seapath and EM122 required restart after Seapath “hiccup”

Joint H&S committee meeting and dept x-audits

Start working on birds for MGL1211

Work in Progress:

Transit work routine / monitoring equipment.

Tomorrow:

Transit completed, start offloading OSU containers, etc.

ETA Astoria, Oregon: 0800 June 7, 2012 alongside

Regards

Jay Johnstone

Cruise : MGL1209

To: Office of Marine Operations
Cc: Reports Group
Fm: Jay Johnstone (Science Officer)

Transit - Honolulu to Astoria
R/V Marcus G. Langseth

1. MCS PRODUCTION SUMMARY

2012-06-07	<u>Sailed Km</u>
Prime	0.000
Infill	0.000
Reshoot	0.000
Total:	0.000

2. STATISTICAL ANALYSIS (HH:MM)

<u>Time Activity Analysis</u>	2012-06-07
MCS Production	0.00
MCS Line Change	0:00
Weather	0:00
Instrument Acquisition	0:00
Instrument Navigation	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
Hydraulics	0:00
Source	0.00
Streamer	0:00
Seismic Air Compressor	0:00
Mitigation/PAM	0:00
Transit	16:56
Ship Repair	0:00
Maneuvering	0:00
Port Call	7:04
Other	0:00
Total:	24:00

UTC Midnight (24:00) Position / Heading:

46° 11.4392' N	123° 51.5262' W	
Wind: W @ 10kts	Seas: IN PORT	Depth: IN PORT
SOG: IN PORT	HDG: IN PORT	

Cruise : MGL1209

To: Office of Marine Operations
Cc: Reports Group
Fm: Jay Johnstone (Science Officer)

**Transit - Honolulu to Astoria
R/V Marcus G. Langseth**

3. TIME SUMMARY

	Time	Event
00:00	16:30	In transit
16:30	16:56	Tying up
16:56	24:00	Alongside Astoria

4. Comments

Science Technical staff on board:

Science Officer – Jay Johnstone
Marine Tech – Bern McKeirnan

Science Party on board:

None

Marine Mammal Observer Staff on board:

None

5. Daily Summary:

Arrived in Astoria, OR.

On HSN

Shut down “at sea” equipment while coming into port (pCO₂, TSG, EM122, ADCP, Chirp)

Shipped CTD to WHOI, coring samples as per instructions

Coring de-rig completed

Receiving shipments

Working on birds for MGL1211

Work in Progress:

In port, loading and unloading of equipment

Tomorrow:

Remove streamer container from main deck (empty, lift, fill)

Load truck to CDI / Kings Metal

Regards

Jay Johnstone

Cruise : MGL1209

To: Office of Marine Operations
Cc: Reports Group
Fm: Jay Johnstone (Science Officer)

**Transit - Honolulu to Astoria
R/V Marcus G. Langseth**

1. MCS PRODUCTION SUMMARY

2012-06-08	<u>Sailed Km</u>
Prime	0.000
Infill	0.000
Reshoot	0.000
Total:	0.000

2. STATISTICAL ANALYSIS (HH:MM)

<u>Time Activity Analysis</u>	2012-06-08
MCS Production	0.00
MCS Line Change	0:00
Weather	0:00
Instrument Acquisition	0:00
Instrument Navigation	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
Hydraulics	0:00
Source	0.00
Streamer	0:00
Seismic Air Compressor	0:00
Mitigation/PAM	0:00
Transit	0:00
Ship Repair	0:00
Maneuvering	0:00
Port Call	24:00
Other	0:00
Total:	24:00

UTC Midnight (24:00) Position / Heading:

46° 11.4392' N	123° 51.5262' W	
Wind: W @ 10kts	Seas: IN PORT	Depth: IN PORT
SOG: IN PORT	HDG: IN PORT	

Cruise : MGL1209

To: Office of Marine Operations

Cc: Reports Group

Fm: Jay Johnstone (Science Officer)

Transit - Honolulu to Astoria

R/V Marcus G. Langseth

3. TIME SUMMARY

	Time	Event
00:00	24:00	Alongside Astoria

4. Comments

Science Technical staff on board:

Science Officer – Jay Johnstone

Science Officer – David Martenson

Marine Tech – Bern McKeirnan

Gun Mechanic – Carlos Gutierrez

Science Party on board:

None

Marine Mammal Observer Staff on board:

None

5. Daily Summary:

Alongside Pier 1 Astoria, OR.

On HSN

Emptied section container, lifted onto truck

Too tall, offloaded container and loaded 3 x streamer reels and 1 x gun umbilical to Texas on truck

Brought tailbuoys down to gun deck for storage

Carlos working on gun maintenance

Work in Progress:

In port, loading and unloading of equipment

Tomorrow:

In port, loading and unloading of equipment

Equipment prep for Carbotte

Regards

Jay Johnstone

Cruise : MGL1209

To: Office of Marine Operations
Cc: Reports Group
Fm: Jay Johnstone (Science Officer)

**Transit - Honolulu to Astoria
R/V Marcus G. Langseth**

1. MCS PRODUCTION SUMMARY

2012-06-09	<u>Sailed Km</u>
Prime	0.000
Infill	0.000
Reshoot	0.000
Total:	0.000

2. STATISTICAL ANALYSIS (HH:MM)

<u>Time Activity Analysis</u>	2012-06-09
MCS Production	0.00
MCS Line Change	0:00
Weather	0:00
Instrument Acquisition	0:00
Instrument Navigation	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
Hydraulics	0:00
Source	0.00
Streamer	0:00
Seismic Air Compressor	0:00
Mitigation/PAM	0:00
Transit	0:00
Ship Repair	0:00
Maneuvering	0:00
Port Call	24:00
Other	0:00
Total:	24:00

UTC Midnight (24:00) Position / Heading:

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Transit - Honolulu to Astoria

R/V Marcus G. Langseth

3. TIME SUMMARY

	Time	Event
00:00	24:00	Alongside Astoria

4. Comments

Science Technical staff on board:

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Science Officer – David Martenson

Marine Tech – Bern McKeirnan

Gun Mechanic – Carlos Gutierrez

Science Party on board:

None

Marine Mammal Observer Staff on board:

None

5. Daily Summary:

Alongside Pier 1 Astoria, OR.

On HSN

Reloaded container on pier

Handling receipt of shipments – organizing XBTs, etc

Carlos working on gun maintenance

Work in Progress:

In port, working on prep for Carbotte

Tomorrow:

Science party arrival for Carbotte

Techs arrival for Carbotte, prep for sailing

Regards

Jay Johnstone