

Cruise: MGL1307

Date: 29/May/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 36° 004.786 N
Lon: 33° 019.357 W

Speed over Ground: 00.00kt
Heading: 127°

Water Depth: 1399.0
Midnight SP: n/a
Wind: calm Seas: calm

Current Equipment Deployed

All equipment on board

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Science Officer - David Martinson
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Vessel was pierside in Vigo, Spain mobilizing for MGL1307. During the Day removal of spare equipment from OBS Deck to Shore Side Storage took place. Fueling of Vessel, Arrival of Robert Steinhaus. Turnover between Sr. Techs, and spectra setup continued.

Sr. Gun Mechanic -
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist :

Co-Chief Scientist
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Plan for Tomorrow

Continue pierside in Vigo, Spain w/ mobilisation for MGL1307

PSOs:
Meghan Piercy
Dara Cameron

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

Port Call 24:00
Transit 0:00

Total: 24:00

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

Cruise: MGL1307

Date: 30/May/13

Reporter: RJS

Daily Report

Midnight Position / Info

Lat: 36° 004.786 N
Lon: 33° 019.357 W

Speed over Ground: 00.00kt
Heading: 127°

Wind: calm Seas: calm

Water Depth: 1399.0
Midnight SP: n/a

Current Equipment Deployed

All equipment on board

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Science Officer - David Martinson
Act. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist :

Co-Chief Scientist
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Daily Summary

Vessel was pier side in Vigo, Spain mobilizing for MGL1307. During the Day removal of spare equipment from OBS Deck to Shore Side Storage continued. Shipment from OYO arrived an was inventoried and stowed. 10 SURD were rebuilt. Towing Hardware was received and separations ropes were made ready. Work on installing pingers on Pinger Poles, Continued to Fuel Vessel and took on Food Stores for Mission. David Martinson Departed the vessel, and Tom Spoto an Bern McKiernan Arrived. All Techs onboard an accounted for.

Plan for Tomorrow

Continue pier side in Vigo, Spain w/ mobilization for MGL1307 - Expecting Science Party to arrived at ~09:00 local time.

PSOs:

Meghan Piercy
Dara Cameron

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

Port Call 24:00

Transit 0:00

Total: 24:00

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

Cruise: MGL1307

Date: 30/May/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 36° 004.786 N
Lon: 33° 019.357 W

Speed over Ground: 00.00kt
Heading: 127°

Wind: calm Seas: calm

Water Depth: 1399.0
Midnight SP: n/a

Current Equipment Deployed

All equipment on board

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Vessel was pier side in Vigo, Spain mobilizing for MGL1307. During the Day continued work on Baro16. Continued installation of Pinger Poles, Securing for Sea, All Science Party Arrived. Safety Brief and Tour was given.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

Steve Danborn
Marianne Karplus
James Gibson
Mari Tesi Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla
Boualem Pereira

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

Continue pier side in Vigo, Spain w/ mobilization for MGL1307 - expect departure at 08:00 Local Time.

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

Port Call 24:00

Transit 0:00

Total: 24:00

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

Time Breakdown

[illegible]

Cruise: MGL1307

Date: 1/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 006.416 N
Lon: 11° 021.987 W

Speed over Ground: 3.3kts
Heading: 273°

Water Depth: 2374.0
Midnight SP: n/a

Wind: NE 30-35 Kts Seas: 3-4m

Current Equipment Deployed

Streamre 4 - in Deployment

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Vessel started the day pier side in Vigo, Spain mobilizing for MGL1307. At ~06:00 GMT the vessel got underway for the mission area. During the Transit the final rigging and sea trials of the Pinger Poles was completed and at 16:44 GMT deployment of Streamer 4 commenced. *** Note that during the Transit to mission site as well as during streamer deployment test of Spectra Steering the Vessel took place.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

Steve Danborn
Marianne Karplus
James Gibson
Mari Tesi Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla
Boualem Pereira

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

Continue with the Deployment of Streamer 4 which will need to be recovered once and re-deployed for trim, before the Port Baro16 can be deployed (WX Permitting). By the end of the day we hope to be deploying Streamer 1.

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 7:16

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

Port Call 6:10

Transit 10:34

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 7:16

Air Compressor 0:00

Total: 7:16

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Total: 0:00

Time Breakdown

Time

[illegible]

Cruise: MGL1307

Date: 2/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 41° 057.652 N
Lon: 12° 039.327 W

Speed over Ground: 04.40kt
Heading: 253°

Water Depth: 5283.0
Midnight SP: n/a

Wind: E 20-25 Kts Seas: 2-3m

Current Equipment Deployed

Streamre 4 - in Deployment

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Vessel Started the Day Deploying Streamer 4. Once Streamer 4 was out the first time the trim was checked and it was determined that it should be recovered and more trim work done. The Streamer 4 was recovered, weights added and re-deployed. It was observed for a short time after its re-deployment and looked good, so deployment of Streamer 1 started and at ~22:20 GMT both streamers were deployed on their lead-ins directly off the stern of the vessel and the vessel stood by for the WX to drop before the launching of the Baro16's could take place.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

Steve Danborn
Marianne Karplus
James Gibson
Mari Tesi Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla
Boualem Pereira

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

Vessel will start the day standing by for Wx. Once the Wx has dropped enough both Streamers 1 & 4 will be attached to the Baro16 and deployed out the side of the ship ~300m to allow for the deployment of Streamer 2 and then 3.

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 22:20

External Downtime 1:40

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 22:20

Air Compressor 0:00

Total: 22:20

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 1:40

Total: 1:40

Time Breakdown

[illegible]

Cruise: MGL1307

Date: 3/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

Lat: 42° 008.422 N
Lon: 132° 044.927 W

Speed over Ground: 04.60kt
Heading: 235°

Water Depth: 5320.0
Midnight SP: n/a

Wind: NE15-20 Seas: 2-3m

Current Equipment Deployed

Streamre 4 - in Deployment

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Vessel Started the day standing by for weather(Wx) with Streamers 1 and 4 deployed off the stern of the vessel. After making a turn streamer 1 came down off the surface and it was observed that Bird #6 was having issues. Streamer 1 was recovered to Bird 6, it was replaced and Streamer 1 was re-deployed. Some Maneuvering was need to get the vessel in a position to deploy the Barovanes as the Wx dropped. Streamer 1 was deployed out on the Barovane with 280m of Lead- and 300m of wide tow rope. The Crew then moved over to deploy the Port, on deployment the Port Wide tow rope jumped out the the sheeve and parted. The Barovane was still connected to the Booms and was recovered. After Re-Terminating the Wide Tow Rope, the Port Barovane was re-deployed with Lead-in 4. Shortly after Streamer 2's deployment started and continued throughout the rest of the day.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

Steve Danborn
Marianne Karplus
James Gibson
Mari Tesi Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla
Boualem Pereira

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

Vessel will start the day Deploying Streamer #2, once that is complete Streamer 3 will be deployed and before it gets dark atleast a single gun string will be deployed to get a mittigation gun online.

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 17:44

External Downtime 6:16

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 3:20

Streamer 14:24

Air Compressor 0:00

Total: 17:44

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 6:16

Total: 6:16

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Time Breakdown

[illegible]

Cruise: MGL1307

Date: 4/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 001.083 N
Lon: 14° 032.250 W

Speed over Ground: 04.10kt
Heading: 88°

Water Depth: 5337.0
Midnight SP: n/a

Wind: NE10-15 Seas: 1-2m

Current Equipment Deployed

Streamers 1, 2, & 4,
Stbd and Port Barovanes

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The day started continuing to Deploy Streamer 2, there were numous issues, but by 20:21 GMT it was fully deployed out on the stbd Barovane with streamer #1. Directly after it was out the Deployment of Streamer 3 commenced and continued throughout the rest of the day.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

Steve Danborn
Marianne Karplus
James Gibson
Mari Tesi Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

Continue the deployment of Streamer 3, once out one the Barovane with Streamer 4. Deployment of the Source will commence and the finial position of the gear can be set. It is hoped that we will be in production on the western most 2D OBS line before Day Change.

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 24:00

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 24:00

Air Compressor 0:00

Total: 24:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

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[illegible]

Cruise: MGL1307

Date: 5/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 03 09.262 N
Lon: 14° 16 08.381 W

Speed over Ground: 04.70kt
Heading: 87°

Water Depth: 5300.0
Midnight SP: n/a

Wind: NW 10-15 kts Seas: 1-2m

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes
Source Sub-Arrays 1, 2, 3, & 4
PAM and Maggie

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The Day Started with deploying of Streamer 3. At 11:23 all streamers were deployed and out on the Barovanes. We took a short time to check the trim of Streamer 3 before starting to deploy the stud source. At 13:35 GMT the Aft Pinger Pole failed at the pivot pen hub and drifted back and was hitting the stbd prop. The Porp was quickly disengaged. The Pole was recovered via the stay rope. The Porp as re-engaged and tested for vibration and leaks on the shaft seal for ~3.75 Hours. No vibration was notices and not leaks were visible, so the source deployment continued. At 20:30 GMT the Source was deployed and finial positioning could take place. There was some configuration issues with spectra and DigiCourse which had to be resolved and at 23:31 GMT production on MGL1307OBS01 Started an continued throughout the rest of the day.

Plan for Tomorrow

At the start of the day the vessel will continue production on MGL1307OBS01. It is hoped that we complete MGL1307OBS02, MGL13071072 and finish the day in Production on MGL13071060. During the Line change between Line 1072 and Line 1060 we plan on picking up Source Sub-Array 4 to do some maintenance on the rGPS and Acoustic Units.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

Steve Danborn
Marianne Karplus
James Gibson
Mari Tesi Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

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 0:29

Line Change 0:00

Weather Downtime 0:00

Technical Downtime 23:31

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 3:01

Hydraulics 0:00

Source 4:01

Streamer 12:10

Air Compressor 0:00

Other 4:19

Total: 23:31

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

Time Breakdown

[illegible]

Cruise: MGL1307

Date: 6/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 005.295 N
Lon: 11° 055.350 W

Speed over Ground: 03.50kt
Heading: 118°

Water Depth: 3839.0
Midnight SP: n/a

Wind: NW 10-15 Seas: 1-2m

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes
Source Sub-Arrays 1, 2, 3, & 4
Maggie

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The Vessel acquired data on Lines OBS01, OBS02, MCS1072 and at end of the day was on an extended line change to make repairs to the rGPS pod and Acoustic on Sub-Array #4

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

Steve Danborn
Marianne Karplus
James Gibson
Mari Tesi Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Vessel will acquire data on Lines MCS1060, MCS1064, and start production on MCS1052 before the end of day.

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 20:59

Line Change 2:16

Weather Downtime 0:00

Technical Downtime 0:45

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:45

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other 0:00

Total: 0:45

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

Time Breakdown

[illegible]

Cruise: MGL1307

Date: 7/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 004.142 N
Lon: 18° 000.749 W

Speed over Ground: 4.5 Kts
Heading: 163°

Water Depth: 3703.0
Midnight SP: n/a

Wind: NW 10-15 Seas: 1-2m

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes
Source Sub-Arrays 1, 2, 3, & 4
Maggie and PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The Vessel acquired data on Lines 1060, 1064, and 1064A. There was a failure of a UPS in the rack room which required a short restart of Spectra during line 1064

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

Steve Danborn
Marianne Karplus

James Gibson

Mari Tesi Snjurjo

Sarah Dean

Miguel Andres Martinez

Tobias Merry

Luke Holroyd

Tyler Poppenwimer

Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Vessel will acquier data on Lines 1052, 1156, and 1044, during the day

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 3:56

Line Change 18:51

Weather Downtime 0:00

Technical Downtime 1:13

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 1:13

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other 0:00

Total: 1:13

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

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[illegible]

Cruise: MGL1307

Date: 8/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 02 1.637 N
Lon: 12° 009.000 9:30

Speed over Ground: 4.4 Kts
Heading: 276°

Water Depth: 4453.0
Midnight SP: n/a

Wind: NW 10-15 Seas: 1-2m

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes
Source Sub-Arrays 1, 2, 3, & 4
Maggie and PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The Vessel acquired data on Lines 1052, 1052A, and 1156. There was a failure of a Power in the rack room which required a short restart of Spectra during line 1052

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

Steve Danborn
Marianne Karplus
James Gibson
Mari Tesi Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Vessel will acquire data on Lines 1044. Shortly after day change Streamer 4 developed telemetry error and had to be recovered to trouble shoot this error. It is hoped that this issues can be easily fix and the vessel can return to production before end of day.

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 19:06

Line Change 4:28

Weather Downtime 0:00

Technical Downtime 0:26

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other 0:26

Total: 0:26

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 8/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 004.402 N
Lon: 12° 041.291 W

Speed over Ground: 04.00kt
Heading: 87°

Water Depth: 5287.0
Midnight SP: n/a

Wind: SW 10-15 Seas: 1-2m

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes
Source Sub-Arrays 1, 2, 3, & 4
Maggie and PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The Vessel acquired data on Lines 1044. At 03:01 GMT Streamer 4 developed telemetry issues and trouble shooting began. The issues seems to have been some water intrusion into the Lea-in Sea End Connector. This was repaired and all towed gear was re-deployed. While the gear was being re-deployed uRTNU (Spectra) had developed a fault and trouble shooting began and continued throughout the rest of the day.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

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Marianne Karplus
James Gibson
Mari Tesi Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Day will start with containing trouble shooting of the uRTUN failure. Once this is completed Production will begin on Line 1148, 1044, and 1140.

Time Analysis

MCS Production:

Prime: 25.200 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 25.200 Sail km

Time Breakdown:

Production 2:38

Line Change 0:23

Weather Downtime 0:00

Technical Downtime 20:59

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 5:44

Hydraulics 0:00

Source 5:14

Streamer 10:01

Air Compressor 0:00

Other 0:00

Total: 20:59

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

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[illegible]

Cruise: MGL1307

Date: 10/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 09 23.40 N
Lon: 12° 27 43.35 W

Speed over Ground: 4.4 Kts
Heading: 87°

Water Depth: 5178.0
Midnight SP: n/a

Wind: SW 10-15 Seas: 1-2m

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes
Source Sub-Arrays 1, 2, 3, & 4
Maggie and PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The Vessel started the day continuing to trouble shoot Spectra's uRTNU issues. At 01:41 GMT the problem was fixed and the vessel began production on line 1148. Through the remainder of the day the vessel acquired data on 1136 and 1140.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

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James Gibson

Mari Tesl Snjurjo

Sarah Dean

Miguel Andres Martinez

Tobias Merry

Luke Holroyd

Tyler Poppenwimer

Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Day will start with containing production on Line 1140. Once this is completed Production will begin on Line 1028 and then 1132 at end of day.

Time Analysis

MCS Production:

Prime: 153.975 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 153.975 Sail km

Time Breakdown:

Production 19:44

Line Change 2:35

Weather Downtime 0:00

Technical Downtime 1:41

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 1:41

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other 0:00

Total: 1:41

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

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[illegible]

Cruise: MGL1307

Date: 10/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 04 16.839 N
Lon: 12° 16 52.361 W

Speed over Ground: 4.1 Kts
Heading: 87°

Water Depth: 4908.0
Midnight SP: n/a

Wind: SSW 15-20 Seas: 3-Feb

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes
Source Sub-Arrays 1, 2, 3, & 4
PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The Vessel started the day continuing production on line 1140. Through the remainder of the day the vessel acquired data on 1028 and 1132. *** During the Day the Maggie developed communication issues and was recovered. It was found the tow leader was the cause of the failure and it was changed. Shortly after being redeployed the Maggie stopped communicating again and yet again it was recovered to find that the Newly installed tow leaders had failed. The Third spare tow leader was installed and the Maggie was again re-deployed and after ~10 hours it failed again. On recovery it was found that again the third tow leader had failed. The Maggie is towing in close proximity to the Source Hose Bundles and Lead-in #2 an this seems to be causing issues. We will try to reterm the cable and get the unit back in the water towing in a slightly different location.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

Steve Danborn
Marianne Karplus
James Gibson
Mari Tesi Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Day will start with containing production on Line 1132. Once this is completed Production will begin on Line 1020 and then 1124 at end of day.

Time Analysis

MCS Production:

Prime: 166.050 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 166.050 Sail km

Time Breakdown:

Production 21:14

Line Change 2:46

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

Time Breakdown

[illegible]

Cruise: MGL1307

Date: 11/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 004.155 N
Lon: 12° 004.825 W

Speed over Ground: 04.80kt
Heading: 107°

Water Depth: 3941.0
Midnight SP: n/a

Wind: NNW 10 -15 Seas: 1-2m

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes
Source Sub-Arrays 1, 2, 3, & 4
PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Started the day in production on Line 1132 and throughout the day acquired data on 1020 and 1124. At the start of the 1020 there was a minor issues with Spectra which required a restart.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

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Marianne Karplus
James Gibson
Mari Tesi Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Day will start with containing the Line change. Once this is completed Production will begin on Line 1012, 1116, and then 1004 at end of day.

Time Analysis

MCS Production:

Prime: 161.100 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 161.100 Sail km

Time Breakdown:

Production 20:37

Line Change 3:17

Weather Downtime 0:00

Technical Downtime 0:06

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:06

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other 0:00

Total: 0:06

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

Time Breakdown

[illegible]

Cruise: MGL1307

Date: 13/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 00 .60791 N
Lon: 12° 033.703 W

Speed over Ground: 04.20kt
Heading: 268°

Water Depth: 5335.0
Midnight SP: n/a

Wind: SSW 15-20 Seas: 1-2m

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes
Source Sub-Arrays 1, 2, 3, & 4
PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Started the day on Line Change once complete production on Line 1012 and throughout the day acquired data on 1016 and 1004.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

Steve Danborn
Marianne Karplus

James Gibson

Mari Tesi Snjurjo

Sarah Dean

Miguel Andres Martinez

Tobias Merry

Luke Holroyd

Tyler Poppenwimer

Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Day will start with containing prodcuton on Line 1004. Once this is completed Production will begin on Line 1148A, 1044R, and then by 1180 at end of day.

Time Analysis

MCS Production:

Prime: 165.150 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 165.150 Sail km

Time Breakdown:

Production 20:46

Line Change 3:14

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

Time Breakdown

[illegible]

Cruise: MGL1307

Date: 14/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 01 19.383 N
Lon: 12° 12 56.552 W

Speed over Ground: 04.20kt
Heading: 268°

Water Depth: 5333.0
Midnight SP: n/a

Wind: NW 10 Seas: 1-2m

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes
Source Sub-Arrays 1, 2, 3, & 4
PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Started the day in production on Line 1004 and throughout the day we acquired data on 1148A and 1044R. There was one power down for a PSO Sighting during line 1044R.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

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Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Day will start with containing prodcuton on Line 1044R. Once this is completed Production will begin on Line 1180, 1068, and 1188 at end of day.

Time Analysis

MCS Production:

Prime: 142.463 Sail km

Infill: 33.600 Sail km

Reshoot: 2.350 Sail km

Total: 178.413 Sail km

Time Breakdown:

Production 21:39

Line Change 2:07

Weather Downtime 0:00

Technical Downtime 0:00

External Downtime 0:14

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:14

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:14

Lamont-Doherty Earth Observatory
COLUMBIA UNIVERSITY | EARTH INSTITUTE

Time Breakdown

[illegible]

Cruise: MGL1307

Date: 15/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 05 13.074 N
Lon: 12° 58 10.646 W

Speed over Ground: 04.20kt
Heading: 87°

Water Depth: 5333.0
Midnight SP: n/a

Wind: SSW 15-20 Seas: 1-2m

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes
Source Sub-Arrays 1, 2, 3, & 4
PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Started the day in production on Line 1044R and throughout the day we acquired data on 1180, ARC1, 1068, and 1188 by the end of the Day. In between line 1180 and 1168 the vessel tested the ability to acquired data on the line change in an Arc at 150m shot point intervals for OBS Group. This test seems to work ok, and it looks like the Science Party will be giving us more of these Arc Line to shoot in the coming days.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

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Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Day will start with containing production on Line 1188 . Once this is completed Production will begin on Line 1076. We will acquire data on line 1076 until the weather starts picking up and then the source will be recovered an the vessel will got into weather standby. Forecast for Monday is for the seas to build to between 6-8m and then start going back down on Tuesday.

Time Analysis

MCS Production:

Prime: 165.300 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 165.300 Sail km

Time Breakdown:

Production 21:01

Line Change 2:59

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

Lamont-Doherty Earth Observatory
COLUMBIA UNIVERSITY | EARTH INSTITUTE

Time Breakdown

[illegible]

Cruise: MGL1307

Date: 16/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 05 33.529 N
Lon: 12° 46 50.652 W

Speed over Ground: 04.30kt
Heading: 87°

Water Depth: 5297.0
Midnight SP: n/a

Wind: NW 20-25 Seas: 2-4m

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Started the day in production on Line 1188 and throughout the day we acquired data on 1076 and 1196 by the end of the Day. During Line 1076 Streamer 1 failed and after some trouble shooting it was determined that the fault was in the water. Due to the pending weather it was decided to continue production with 3 streamers and to make repairs on Streamer 1 after the weather passes.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

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Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Day will start with containing production on Line 1196 . Once this is completed the source will be recovered and the vessel will nose into the weather and ride it out. The worst of the weather is expected about 18:00 UTC with seas peaking out between 6-8m. The vessel will remain down for weather for the rest of the day.

Time Analysis

MCS Production:

Prime: 162.863 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 162.863 Sail km

Time Breakdown:

Production 21:03

Line Change 2:06

Weather Downtime 0:00

Technical Downtime 0:51

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:51

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other 0:00

Total: 0:51

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

Time Breakdown

[illegible]

Cruise: MGL1307

Date: 16/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 05 33.529 N
Lon: 12° 46 50.652 W

Speed over Ground: 04.30kt
Heading: 87°

Water Depth: 5297.0
Midnight SP: n/a

Wind: NW 20-25 Seas: 2-4m

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Started the day in production on Line 1196 . At the conclusion of the line the source was recovered and the vessel made a turn to the WNW to put the Bow into the Seas. During the latter part of the day the seas got up to 6-9m and the wind was out WNW 35-45 Kts with Gust to 60 Kts,

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

Steve Danborn
Marianne Karplus

James Gibson

Mari Tesi Snjurjo

Sarah Dean

Miguel Andres Martinez

Tobias Merry

Luke Holroyd

Tyler Poppenwimer

Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Day will start with containing down for weather. Once the weather drops we will make a turn back towards the prospect and began repairs on Streamer 1.

Time Analysis

MCS Production:

Prime: 56.813 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 56.813 Sail km

Time Breakdown:

Production 7:18

Line Change 0:00

Weather Downtime 0:00

Technical Downtime 0:00

External Downtime 16:42

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 16:42

Total: 16:42

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Time Breakdown

[illegible]

Cruise: MGL1307

Date: 18/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 004.384 N
Lon: 12° 039.035 W

Speed over Ground: 03.50kt
Heading: 87°

Water Depth: ??
Midnight SP: n/a

Wind: N 10-15 Seas: 3-Jan

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes
Source Sub-Arrays 1, 2, 3, & 4
PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Started the day continuing standing by for weather. At 08:44 GMT the weather had dropped enough to allow for the recovery of Streamer 1, 2, and the Stbd Barovane to begin trouble shooting Streamer 1's telemetry issues. It was found that the lead-in was the source of the problem and looked to weak fibers. It appered that the main tow point have moved casusing the lead-in to kink at that location. At the end of the day the lead-in was changed, tow point was installed and it was being deployed out on the Barovane.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

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James Gibson
Mari Tesl Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Day will start contining to deploy the towed equipment. Once all the equipment is in place production will begin on 1084 and finish the day on line 1204.

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 15:16

External Downtime 8:44

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 15:16

Air Compressor 0:00

Other 0:00

Total: 15:16

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 8:44

Total: 8:44

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[illegible]

Cruise: MGL1307

Date: 19/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 06 03.887 N
Lon: 12° 28 05.278 W

Speed over Ground: 04.30kt
Heading: 87°

Water Depth: 5153.0
Midnight SP: n/a

Wind: NNW 10-15 Seas: 1-2m

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes
Source Sub-Arrays 1, 2, 3, & 4
PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Started the day continuing to deploy Streamer 1 & 2 out on the Stbd Barovane. Once Completed we made our way towards line while deploying the source. At 07:25 GMT began production on line 1084 and through out the day acquiered data on ARC2 and 1204.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

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Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Day will start contining production on 1204 and once complete prouction will begin on 1092 and 1204I by the end of th day.

Time Analysis

MCS Production:

Prime: 130.425 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 130.425 Sail km

Time Breakdown:

Production 16:24

Line Change 0:11

Weather Downtime 0:00

Technical Downtime 7:25

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 2:50

Streamer 4:35

Air Compressor 0:00

Other 0:00

Total: 7:25

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

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[illegible]

Cruise: MGL1307

Date: 20/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 06 25.2 N
Lon: 12° 15 52.988 W

Speed over Ground: 04.30kt
Heading: 87°

Water Depth: 4867.2
Midnight SP: n/a

Wind: NNW 10-15 Seas: 1-2m

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes
Source Sub-Arrays 1, 2, 3, & 4
PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Started the day continuing prodcuton on Line 1204 and at the conclusion the line change was extended to complete some maintenance on Source Sub-Array 4. Through out the remainder of the day data was acquired on 1092 and 1204I.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

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Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Day will start contining production on 12041 and once complete prouction will begin on 1000 and 1212 by the end of th day.

Time Analysis

MCS Production:

Prime: 100.163 Sail km

Infill: 60.038 Sail km

Reshoot: 0.000 Sail km

Total: 160.200 Sail km

Time Breakdown:

Production 20:46

Line Change 2:31

Weather Downtime 0:00

Technical Downtime 0:26

External Downtime 0:17

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:26

Streamer 0:00

Air Compressor 0:00

Other 0:00

Total: 0:26

External Downtime:

Mitigation / PAM 0:17

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:17

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[illegible]

Cruise: MGL1307

Date: 21/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 05 10.4 N
Lon: 12° 03 13.5 W

Speed over Ground: 05.00kt
Heading: 181°

Water Depth: 3865.0
Midnight SP: n/a

Wind: NNW 10-15 Seas: 1-2m

Current Equipment Deployed

Streamer 1, 2, 3, & 4
Stbd and Port Barovanes
Source Sub-Arrays 1, 2, 3, & 4
PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Started the day continuing production on Line 1204I and at the conclusion the line data was acquired on 1100, ARC5, 1212 and ARC6.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

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Marianne Karplus
James Gibson
Mari Tesi Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Day will start contining production on ARC6 and once complete prouction will begin on 1108, 1172R, and 1076R by the end of th day.

Time Analysis

MCS Production:

Prime: 167.550 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 167.550 Sail km

Time Breakdown:

Production 22:00

Line Change 1:47

Weather Downtime 0:00

Technical Downtime 0:13

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:13

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other 0:00

Total: 0:13

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

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Time Breakdown

[illegible]

Cruise: MGL1307

Date: 22/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 02 31.965 N
Lon: 12° 45 38.714 W

Speed over Ground: 04.10kt
Heading: 277°

Water Depth: 5292.0
Midnight SP: n/a

Wind: NNE 15-20 Seas: 4-Feb

Current Equipment Deployed

Streamer 1, 3 (Half), & 4
Port Barovane

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Started the day continuing production on Line ARC6 and at the conclusion the line data was acquired on 1108, 1172R, and 1076R.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

Steve Danborn
Marianne Karplus
James Gibson
Mari Tesi Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The Day will start continuing production on 1076R. However shortly after Day change line 1076R had to be aborted due to the Port Main Engine (PME) needing to be shutdown . The source was recovered to take the load off the STBD Enginee Source.. At ~02:00 GMT is was determined that the engine repairs would not be a quick fix and the pending weather, so Streamer recovery began. Once all equipment is onboard the vessel will start transiting back to Vigo, Spain to make repairs on the Port Main Engine..

Time Analysis

MCS Production:

Prime: 85.163 Sail km

Infill: 66.075 Sail km

Reshoot: 11.288 Sail km

Total: 162.525 Sail km

Time Breakdown:

Production 14:42

Line Change 2:26

Weather Downtime 0:00

Technical Downtime 1:46

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

Port Call 0:00

Transit 0:00

Total: 18:54

Technical Downtime:

Instrument Acquisition 1:46

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other 0:00

Total: 1:46

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

Time Breakdown

[illegible]

Cruise: MGL1307

Date: 23/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 037.598 N
Lon: 12° 015.240 W

Speed over Ground: 04.30kt
Heading: 71°

Water Depth: 5047.0
Midnight SP: n/a

Wind: NNE 30-35 Seas: 4-6m

Current Equipment Deployed

None - In transit to Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Started the day continuing production on Line 1076R. At 00:06 GMT the Port Main Engine (PME) went offline. At 00:35 GMT Line 1076R was aborted D/T PME failure and the source was recovered. At 04:13 GMT it was decided that the engine was not easily repairable so streamer recovery began. At 15:01 GMT all Towed Equipment was onboard, but the transit to Vigo, Spain did not start until 16:36 d/t discussions with the Office on Options.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

Science Party:

Steve Danborn
Marianne Karplus
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Mari Tesl Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

Throughout the day the vessel will be in transit to Vigo, Spain to make engine repairs.

Time Analysis

MCS Production:

Prime: 0.000 Sail km

Infill: 4.500 Sail km

Reshoot: 0.000 Sail km

Total: 4.500 Sail km

Time Breakdown:

Production 0:35

Line Change 0:00

Weather Downtime 0:00

Technical Downtime 0:00

External Downtime 23:25

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Ship Repair 23:25

Fishing Gear 0:00

Weather 0:00

Total: 23:25

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[illegible]

Cruise: MGL1307

Date: 24/Jun/13

Reporter: RJS

Daily Report

Midnight Position / Info

deg min
Lat: 42° 002.261 N
Lon: 12° 037.431 W

Speed over Ground: 06.93kt
Heading: 71°

Water Depth: 1900.0
Midnight SP: n/a

Wind: N 20-25 Seas: 3-5m

Current Equipment Deployed

None - In transit to Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

Throughout the day the vessel will be in transit to Vigo, Spain to make engine repairs.

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist - Cesar Ranero

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Luke Holroyd

Tyler Poppenwimer

Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

The day will start transiting to Vigo, Spain to make Repairs to Port Main Engine. At ~09:00 the vessel should be along side.

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 24:00

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other

Ship Repair 24:00

Total: 24:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

Cruise: MGL1307

Date: 25/Jun/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The Vessel arrived in Vigo, Spain at 09:45 GMT to begin repairs on Port Main End where it remained throughout the rest of the day. Continue to work on Projects from the Work List.

Work List	% Complete	Worklist	% Complete
Workboat Service	100.00%	Lead-in Status update	0.00%
Workboat Testing	100.00%	MSRS Testing	0.00%
rTNU Repairs / Testing	85.00%	MSTP Testing	25.00%
Config New Spectra (720's)	50.00%	CCTV Repairs	50.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Dsplay	0.00%	Prepair Equipmentto be shipped	25.00%
Clean Power re-distribution	90.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	90.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	75.00%		
Inventory of Streamer Modules	100.00%		
Hose Bundle Status Update	0.00%		

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist -

Science Party:

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James Gibson
Mari Tesl Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppennwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects

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 24:00

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other

Ship Repair 24:00

Total: 24:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 26/Jun/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The Vessel alongside Vigo, Spain for repairs on Port Main End throughout the rest of the day. Continue to work on Projects from the Work List.

Work List	% Complete	Worklist	% Complete
Workboat Service	100.00%	Lead-in Status update	0.00%
Workboat Testing	100.00%	MSRS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	50.00%	CCTV Repairs	50.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Dsplay	0.00%	Prepair Equipmentto be shipped	25.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	0.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Towpoints	50.00%
Hose Bundle Status Update	40.00%	Spec'ing out New Source Towpoint	0.00%

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist -

Science Party:

Steve Danbom
Marianne Karplus
James Gibson
Mari Tesl Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppennwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects

Work List	% Complete	Worklist	% Complete

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

Port Call 0:00
Transit 0:00

Total: 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
Other
Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Fishing Gear 0:00
Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 27/Jun/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist -

Science Party:

Steve Danbom
Marianne Karplus
James Gibson
Mari Tesl Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Daily Summary

The Vessel alongside Vigo, Spain for repairs on Port Main End throughout the rest of the day. Continue to work on Projects from the Work List.

Work List	% Complete	Work list	% Complete
Workboat Service	100.00%	Lead-in Status update	0.00%
Workboat Testing	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	75.00%	CCTV Repairs	50.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	0.00%	Prepare Equipment to be shipped	75.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	50.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	50.00%
Hose Bundle Status Update	60.00%	Spec'ing out New Source Tow point	0.00%

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects

Work List	% Complete	Work list	% Complete
Clean Wax Core Head	0.00%	Setup of New Captain's PC	0.00%
Reload of all Science Equip	0.00%	Setup of New Chief Mate Laptop	0.00%
Machine Shop Floor Painting	15.00%	Setup of New 1st Eng Laptop	0.00%
Inventory Bolt Part	15.00%	Setup of New Engine Room Laptop	0.00%
Inventory Jumpers	0.00%		
Gun Rebuilds	100.00%		
Trouble Shooting String 2 Comr	100.00%		
Install of Shelves	60.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Setup of New Engine Room PC	100.00%		
Setup of New Chief Eng PC	100.00%		

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

Port Call 0:00

Transit 0:00

Total: 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

Other 0:00

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 28/Jun/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The Vessel alongside Vigo, Spain for repairs on Port Main End throughout the rest of the day. Continue to work on Projects from the Work List.

Work List	% Complete	Work list	% Complete
Workboat Service	100.00%	Lead-in Status update	0.00%
Workboat Testing	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	75.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	75.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	50.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	50.00%
Hose Bundle Status Update	85.00%	Spec'ing out New Source Tow point	0.00%

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist -

Science Party:

Steve Danbom
Marianne Karplus
James Gibson
Mari Tesl Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects

Work List	% Complete	Work list	% Complete
Clean Wax Core Head	100.00%	Setup of New Captain's PC	75.00%
Reload of all Science Equip	50.00%	Setup of New Chief Mate Laptop	50.00%
Machine Shop Floor Painting	15.00%	Steup of New 1st Eng Laptop	100.00%
Inventory Bolt Part	15.00%	Setup of New Engine Room Laptop	0.00%
Inventory Jumpers	0.00%	Re-Organixing of Port Lab and Jumper	10.00%
Gun Rebuilds	100.00%		
Trouble Shooting String 2 Comr	100.00%		
Install of Shelves	60.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Setup of New Engine Room PC	100.00%		
Setup of New Chief Eng PC	100.00%		

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

Port Call 0:00

Transit 0:00

Total: 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

Other 0:00

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 29/Jun/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The Vessel alongside Vigo, Spain for repairs on Port Main End throughout the rest of the day. Continue to work on Projects from the Work List.

Work List	% Complete	Work list	% Complete
Workboat Service	100.00%	Lead-in Status update	0.00%
Workboat Testing	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	100.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	75.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	100.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	50.00%
Hose Bundle Status Update	100.00%	Spec'ing out New Source Tow point	0.00%

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist -

Science Party:

Steve Danbom
Marianne Karplus
James Gibson
Mari Tesl Snjurjo
Sarah Dean
Miguel Andres Martinez
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects

Work List	% Complete	Work list	% Complete
Clean Wax Core Head	100.00%	Setup of New Captain's PC	75.00%
Reload of all Science Equip	100.00%	Setup of New Chief Mate Laptop	50.00%
Machine Shop Floor Painting	15.00%	Setup of New 1st Eng Laptop	100.00%
Inventory Bolt Part	15.00%	Setup of New Engine Room Laptop	0.00%
Inventory Jumpers	0.00%	Re-Organixing of Port Lab and Jumper	30.00%
Gun Rebuilds	100.00%		
Trouble Shooting String 2 Comr	100.00%		
Install of Shelves (Half High)	75.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Setup of New Engine Room PC	100.00%		
Setup of New Chief Eng PC	100.00%		

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

Port Call 0:00

Transit 0:00

Total: 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

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 30/Jun/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The Vessel alongside Vigo, Spain for repairs on Port Main End throughout the rest of the day. Continue to work on Projects from the Work List.

Work List	% Complete	Work list	% Complete
Workboat Service	100.00%	Lead-in Status update	0.00%
Workboat Testing	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	100.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	75.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	100.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	50.00%
Hose Bundle Status Update	100.00%	Spec'ing out New Source Tow point	0.00%

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Donna Shillington
Co-Chief Scientist - Tim Reston
Co-Chief Scientist -

Science Party:

Steve Danbom
Marianne Karplus
James Gibson
Mari Tesl Snjurjo
Sarah Dean
Miguel Andres Martinez
Tobias Merry
Luke Holroyd
Tyler Poppenwimer
Khemraj Shukla

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis
Rebeca Garza

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects

Work List	% Complete	Work list	% Complete
Clean Wax Core Head	100.00%	Setup of New Captain's PC	75.00%
Reload of all Science Equip	100.00%	Setup of New Chief Mate Laptop	50.00%
Machine Shop Floor Painting	15.00%	Steup of New 1st Eng Laptop	100.00%
Inventory Bolt Part	15.00%	Setup of New Engine Room Laptop	0.00%
Inventory Jumpers	0.00%	Re-Organixing of Port Lab and Jumper	30.00%
Gun Rebuilds	100.00%		
Trouble Shooting String 2 Comr	100.00%		
Install of Shelves (Half High)	75.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Setup of New Engine Room PC	100.00%		
Setup of New Chief Eng PC	100.00%		

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

Port Call 0:00

Transit 0:00

Total: 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

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 1/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The Vessel alongside Vigo, Spain for repairs on Port Main End throughout the rest of the day. Continue to work on Projects from the Work List.

Work List	% Complete	Work list	% Complete
Workboat Service	100.00%	Lead-in Status update	15.00%
Workboat Testing	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	100.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	75.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	100.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	100.00%
Hose Bundle Status Update	100.00%	Spec'ing out New Source Tow point	0.00%

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist :

Co-Chief Scientist -
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Steve Danbom
Khemraj Shukla
James Gibson

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects

Work List	% Complete	Work list	% Complete
Clean Wax Core Head	100.00%	Setup of New Captain's PC	100.00%
Reload of all Science Equip	100.00%	Setup of New Chief Mate Laptop	100.00%
Machine Shop Floor Painting	15.00%	Setup of New 1st Eng. Laptop	100.00%
Inventory Bolt Part	15.00%	Setup of New Engine Room Laptop	0.00%
Inventory Jumpers	0.00%	Re-Organizing of Port Lab and Jumpe	30.00%
Gun Rebuilds	100.00%	Re-Term Maggie Tow Leaders	33.00%
Trouble Shooting String 2 Comm	100.00%		
Install of Shelves (Half High)	75.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Setup of New Engine Room PC	100.00%		
Setup of New Chief Eng. PC	100.00%		

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis

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

Port Call 0:00

Transit 0:00

Total: 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

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 2/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

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Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist :

Co-Chief Scientist -
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Steve Danbom
Khemraj Shukla
James Gibson
Brian Jordan

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Emily Ellis

Daily Summary

The Vessel alongside Vigo, Spain for repairs on Port Main End throughout the rest of the day. Continue to work on Projects from the Work List.

Work List	% Complete	Work list	% Complete
Workboat Service	100.00%	Lead-in Status update	75.00%
Workboat Testing	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	100.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	75.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	100.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	100.00%
Hose Bundle Status Update	75.00%	Spec'ing out New Source Tow point	0.00%

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects

Work List	% Complete	Work list	% Complete
Clean Wax Core Head	100.00%	Setup of New Captain's PC	100.00%
Reload of all Science Equip	100.00%	Setup of New Chief Mate Laptop	100.00%
Machine Shop Floor Painting	15.00%	Setup of New 1st Eng. Laptop	100.00%
Inventory Bolt Part	15.00%	Setup of New Engine Room Laptop	75.00%
Inventory Jumpers	0.00%	Re-Organizing of Port Lab and Jumpe	100.00%
Gun Rebuilds	100.00%	Re-Term Maggie Tow Leaders	33.00%
Trouble Shooting String 2 Comr	100.00%	Lable Monintors to what Rack they b	0.00%
Install of Shelves (Half High)	75.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Setup of New Engine Room PC	100.00%		
Setup of New Chief Eng. PC	100.00%		

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

Port Call 0:00

Transit 0:00

Total: 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

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 3/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist :

Co-Chief Scientist -
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Steve Danbom
Khemraj Shukla
James Gibson
Brian Jordan

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron

Daily Summary

The Vessel is alongside Vigo, Spain for repairs on Port Main Engine throughout the day. Continue to work on Projects from the Work List, however was slowed today by multiple blackouts of the ship, d/t shore power Generator Failures. All but the most critical science system have been secured until the vessel it back on its own Power. Once that occurs restarting and testing of all systems will begin again. It is expected that vessel will be back on its own power on Saturday.

Work List	% Complete	Work list	% Complete
Workboat Service	100.00%	Lead-in Status update	75.00%
Workboat Testing	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	100.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	75.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	100.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	100.00%
Hose Bundle Status Update	75.00%	Spec'ing out New Source Tow point	0.00%

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects

Work List	% Complete	Work list	% Complete
Clean Wax Core Head	100.00%	Setup of New Captain's PC	100.00%
Reload of all Science Equip	100.00%	Setup of New Chief Mate Laptop	100.00%
Machine Shop Floor Painting	15.00%	Setup of New 1st Eng. Laptop	100.00%
Inventory Bolt Part	15.00%	Setup of New Engine Room Laptop	75.00%
Inventory Jumpers	0.00%	Re-Organizing of Port Lab and Jumpe	100.00%
Gun Rebuilds	100.00%	Re-Term Maggie Tow Leaders	33.00%
Trouble Shooting String 2 Comm	100.00%	Label Monitors to what Rack they bel	1000.00%
Install of Shelves (Half High)	75.00%	Testing of All Science Equipment	0.00%
Umbical Maintenance	90.00%	Repairs to HSN System	0.00%
Repair Gun Tools	60.00%		
Setup of New Engine Room PC	100.00%		
Setup of New Chief Eng. PC	100.00%		

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

Port Call 0:00

Transit 0:00

Total: 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

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 4/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist :

Co-Chief Scientist -
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Steve Danbom
Khemraj Shukla
James Gibson
Brian Jordan

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron

Daily Summary

The Vessel is alongside Vigo, Spain for repairs on Port Main Engine throughout the day. Continue to work on Projects from the Work List. There where no power outages during the day.

Work List	% Complete	Work list	% Complete
Workboat Service	100.00%	Lead-in Status update	0.00%
Workboat Testing	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	100.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	75.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	100.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	100.00%
Hose Bundle Status Update	75.00%	Spec'ing out New Source Tow point	0.00%

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects

Work List	% Complete	Work list	% Complete
Clean Wax Core Head	100.00%	Setup of New Captain's PC	100.00%
Reload of all Science Equip	100.00%	Setup of New Chief Mate Laptop	100.00%
Machine Shop Floor Painting	15.00%	Setup of New 1st Eng. Laptop	100.00%
Inventory Bolt Part	15.00%	Setup of New Engine Room Laptop	100.00%
Inventory Jumpers	0.00%	Re-Organizing of Port Lab and Jumper	100.00%
Gun Rebuilds	100.00%	Re-Term Maggie Tow Leaders	33.00%
Trouble Shooting String 2 Comms	100.00%	Label Monitors to what Rack they belong	1000.00%
Install of Shelves (Half High)	75.00%	Testing of All Science Equipment	0.00%
Umbilical Maintenance	90.00%	Test/Repairs to HSN System	75.00%
Repair Gun Tools	60.00%		
Setup of New Engine Room PC	100.00%		
Setup of New Chief Eng. PC	100.00%		

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

Port Call 0:00

Transit 0:00

Total: 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

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 5/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port
Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The Vessel is alongside Vigo, Spain for repairs on Port Main Engine throughout the day.
Continue to work on Projects from the Work List.

Work List	% Complete	Work list	% Complete
Workboat Service	100.00%	Lead-in Status update	0.00%
Workboat Testing	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	100.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	75.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	100.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	100.00%
Hose Bundle Status Update	75.00%	Spec'ing out New Source Tow point	0.00%

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist -
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Steve Danbom
Khemraj Shukla
James Gibson
Brian Jordan

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects

Work List	% Complete	Work list	% Complete
Clean Wax Core Head	100.00%	Setup of New Captain's PC	100.00%
Reload of all Science Equip	100.00%	Setup of New Chief Mate Laptop	100.00%
Machine Shop Floor Painting	15.00%	Setup of New 1st Eng. Laptop	100.00%
Inventory Bolt Part	15.00%	Setup of New Engine Room Laptop	100.00%
Inventory Jumpers	0.00%	Re-Organizing of Port Lab and Jumper	100.00%
Gun Rebuilds	100.00%	Re-Term Maggie Tow Leaders	100.00%
Trouble Shooting String 2 Comm	100.00%	Label Monitors to what Rack they belong	100.00%
Install of Shelves (Half High)	75.00%	Testing of All Science Equipment	0.00%
Umbilical Maintenance	90.00%	Test/Repairs to HSN System	75.00%
Repair Gun Tools	60.00%	Cleaning and Securing Lab Spaces	50.00%
Setup of New Engine Room PC	100.00%		
Setup of New Chief Eng. PC	100.00%		

PSOs:

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

Port Call 0:00

Transit 0:00

Total: 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

Other 0:00

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 6/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port
Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The Vessel is alongside Vigo, Spain for repairs on Port Main Engine throughout the day.
Continue to work on Projects from the Work List.

Work List	% Complete	Work list	% Complete
Workboat Service	100.00%	Lead-in Status update	0.00%
Workboat Testing	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	100.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	75.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	100.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	100.00%
Hose Bundle Status Update	75.00%	Spec'ing out New Source Tow point	0.00%

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Josh Kasinger

Chief Scientist : Dale Sawyer

Co-Chief Scientist - Tim Reston
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Steve Danbom
Khemraj Shukla
James Gibson
Brian Jordan

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects

Work List	% Complete	Work list	% Complete
Clean Wax Core Head	100.00%	Setup of New Captain's PC	100.00%
Reload of all Science Equip	100.00%	Setup of New Chief Mate Laptop	100.00%
Machine Shop Floor Painting	15.00%	Setup of New 1st Eng. Laptop	100.00%
Inventory Bolt Part	15.00%	Setup of New Engine Room Laptop	100.00%
Inventory Jumpers	0.00%	Re-Organizing of Port Lab and Jumper	100.00%
Gun Rebuilds	100.00%	Re-Term Maggie Tow Leaders	100.00%
Trouble Shooting String 2 Comm	100.00%	Label Monitors to what Rack they belong	100.00%
Install of Shelves (Half High)	75.00%	Testing of All Science Equipment	50.00%
Umbilical Maintenance	90.00%	Test/Repairs to HSN System	100.00%
Repair Gun Tools	60.00%	Cleaning and Securing Lab Spaces	50.00%
Setup of New Engine Room PC	100.00%	E-Power to Server and Switch Rack in	100.00%
Setup of New Chief Eng. PC	100.00%		

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron

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

Port Call 0:00

Transit 0:00

Total: 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

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 7/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port
Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson

Daily Summary

The Vessel is alongside Vigo, Spain for repairs on Port Main Engine throughout the day.
Continue to work on Projects from the Work List.

Work List	% Complete	Work list	% Complete
Workboat Service	100.00%	Lead-in Status update	0.00%
Workboat Testing	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	100.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	85.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	100.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	100.00%
Hose Bundle Status Update	75.00%	Spec'ing out New Source Tow point	0.00%

Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic -

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist - Tim Reston (Southampton)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Brian Jordan (Rice)
Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
João Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)
Milena Marjonovic (Lamont graduate)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects. At 08:00 GMT Safety Briefing and vessel tour of onsigning Science Party & New PSO's will take place.

Work List	% Complete	Work list	% Complete
Clean Wax Core Head	100.00%	Setup of New Captain's PC	100.00%
Reload of all Science Equip	100.00%	Setup of New Chief Mate Laptop	100.00%
Machine Shop Floor Painting	15.00%	Setup of New 1st Eng. Laptop	100.00%
Inventory Bolt Part	15.00%	Setup of New Engine Room Laptop	100.00%
Inventory Jumpers	0.00%	Re-Organizing of Port Lab and Jumper	100.00%
Gun Rebuilds	100.00%	Re-Term Maggie Tow Leaders	100.00%
Trouble Shooting String 2 Comm	100.00%	Label Monitors to what Rack they belong	100.00%
Install of Shelves (Half High)	75.00%	Testing of All Science Equipment	50.00%
Umbical Maintenance	90.00%	Test/Repairs to HSN System	100.00%
Repair Gun Tools	60.00%	Cleaning and Securing Lab Spaces	75.00%
Setup of New Engine Room PC	100.00%	E-Power to Server and Switch Rack in	100.00%
Setup of New Chief Eng. PC	100.00%		

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

Port Call 0:00

Transit 0:00

Total: 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

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 8/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech -
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic -

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist - Tim Reston (Southampton)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Brian Jordan (Rice)
Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
João Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)
Milena Marjonovic (Lamont graduate)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron

Daily Summary

The Vessel is alongside Vigo, Spain for repairs on Port Main Engine throughout the day.
Continue to work on Projects from the Work List.

Work List	% Complete	Work list	% Complete
Change Section Str 1	40.00%	Lead-in Status update	0.00%
Tranfer 6k of Rope to Spider Re	0.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	100.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	85.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	100.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	100.00%
Hose Bundle Status Update	75.00%	Spec'ing out New Source Tow point	0.00%

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects. At 08:00 GMT Safety Briefing and vessel tour of onsigning Science Party & New PSO's will take place.

Work List	% Complete	Work list	% Complete
Clean Wax Core Head	100.00%	Setup of New Captain's PC	100.00%
Reload of all Science Equip	100.00%	Setup of New Chief Mate Laptop	100.00%
Machine Shop Floor Painting	15.00%	Setup of New 1st Eng. Laptop	100.00%
Inventory Bolt Part	15.00%	Setup of New Engine Room Laptop	100.00%
Inventory Jumpers	0.00%	Re-Organizing of Port Lab and Jumper	100.00%
Gun Rebuilds	100.00%	Re-Term Maggie Tow Leaders	100.00%
Trouble Shooting String 2 Comm	100.00%	Label Monitors to what Rack they belong	100.00%
Install of Shelves (Half High)	75.00%	Testing of All Science Equipment	50.00%
Umbical Maintenance	90.00%	Test/Repairs to HSN System	100.00%
Repair Gun Tools	60.00%	Cleaning and Securing Lab Spaces	75.00%
Setup of New Engine Room PC	100.00%	E-Power to Server and Switch Rack in	100.00%
Setup of New Chief Eng. PC	100.00%		

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

Port Call 0:00

Transit 0:00

Total: 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

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 9/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port
Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech -
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic -

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist - Tim Reston (Southampton)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Brian Jordan (Rice)
Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
João Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)
Milena Marjonovic (Lamont graduate)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron

Daily Summary

The Vessel is alongside Vigo, Spain for repairs on Port Main Engine throughout the day.
Continue to work on Projects from the Work List.

Work List	% Complete	Work list	% Complete
Change Section Str 1	100.00%	Lead-in Status update	0.00%
Tranfer 6k of Rope to Spider Re	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	100.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	85.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	100.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	100.00%
Hose Bundle Status Update	75.00%	Spec'ing out New Source Tow point	0.00%

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects. At 08:00 GMT Safety Briefing and vessel tour of onsigning Science Party & New PSO's will take place.

Work List	% Complete	Work list	% Complete
Clean Wax Core Head	100.00%	Setup of New Captain's PC	100.00%
Reload of all Science Equip	100.00%	Setup of New Chief Mate Laptop	100.00%
Machine Shop Floor Painting	20.00%	Setup of New 1st Eng. Laptop	100.00%
Inventory Bolt Part	15.00%	Setup of New Engine Room Laptop	100.00%
Inventory Jumpers	0.00%	Re-Organizing of Port Lab and Jumpe	100.00%
Gun Rebuilds	100.00%	Re-Term Maggie Tow Leaders	100.00%
Trouble Shooting String 2 Comm	100.00%	Label Monitors to what Rack they bel	100.00%
Install of Shelves (Half High)	75.00%	Testing of All Science Equipment	50.00%
Umbical Maintenance	90.00%	Test/Repairs to HSN System	100.00%
Repair Gun Tools	60.00%	Cleaning and Securing Lab Spaces	75.00%
Setup of New Engine Room PC	100.00%	E-Power to Server and Switch Rack in	100.00%
Setup of New Chief Eng. PC	100.00%		

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

Port Call 0:00

Transit 0:00

Total: 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

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 10/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic -

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist - Tim Reston (Southampton)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Brian Jordan (Rice)
Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)
Milena Marjonovic (Lamont graduate)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron

Daily Summary

The Vessel is alongside Vigo, Spain for repairs on Port Main Engine throughout the day.
Continue to work on Projects from the Work List.

Work List	% Complete	Work list	% Complete
Change Section Str 1	100.00%	Lead-in Status update	0.00%
Transfer 6k of Rope to Spider R	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	100.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	85.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	100.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	100.00%
Hose Bundle Status Update	75.00%	Spec'ing out New Source Tow point	0.00%

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects.

Work List	% Complete	Work list	% Complete
Clean Wax Core Head	100.00%	Setup of New Captain's PC	100.00%
Reload of all Science Equip	100.00%	Setup of New Chief Mate Laptop	100.00%
Machine Shop Floor Painting	20.00%	Setup of New 1st Eng. Laptop	100.00%
Inventory Bolt Part	15.00%	Setup of New Engine Room Laptop	100.00%
Inventory Jumpers	0.00%	Re-Organizing of Port Lab and Jumper	100.00%
Gun Rebuilds	100.00%	Re-Term Maggie Tow Leaders	100.00%
Trouble Shooting String 2 Comm	100.00%	Label Monitors to what Rack they belong	100.00%
Install of Shelves (Half High)	75.00%	Testing of All Science Equipment	50.00%
Umbical Maintenance	90.00%	Test/Repairs to HSN System	100.00%
Repair Gun Tools	60.00%	Cleaning and Securing Lab Spaces	75.00%
Setup of New Engine Room PC	100.00%	E-Power to Server and Switch Rack in	100.00%
Setup of New Chief Eng. PC	100.00%	Update Sensor Inventory	0.00%

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

Port Call 0:00

Transit 0:00

Total: 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

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 11/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist - Tim Reston (Southampton)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Brian Jordan (Rice)
Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)
Milena Marjonovic (Lamont graduate)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron

Daily Summary

The Vessel is alongside Vigo, Spain for repairs on Port Main Engine throughout the day.
Continue to work on Projects from the Work List.

Work List	% Complete	Work list	% Complete
Change Section Str 1	100.00%	Lead-in Status update	0.00%
Transfer 6k of Rope to Spider R	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	100.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	90.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	100.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	100.00%
Hose Bundle Status Update	75.00%	Spec'ing out New Source Tow point	0.00%

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects.

Work List	% Complete	Work list	% Complete
Clean Wax Core Head	100.00%	Setup of New Captain's PC	100.00%
Reload of all Science Equip	100.00%	Setup of New Chief Mate Laptop	100.00%
Machine Shop Floor Painting	20.00%	Setup of New 1st Eng. Laptop	100.00%
Inventory Bolt Part	15.00%	Setup of New Engine Room Laptop	100.00%
Inventory Jumpers	50.00%	Re-Organizing of Port Lab and Jumper	100.00%
Gun Rebuilds	100.00%	Re-Term Maggie Tow Leaders	100.00%
Trouble Shooting String 2 Comm	100.00%	Label Monitors to what Rack they belong	100.00%
Install of Shelves (Half High)	100.00%	Testing of All Science Equipment	50.00%
Umbical Maintenance	90.00%	Test/Repairs to HSN System	100.00%
Repair Gun Tools	60.00%	Cleaning and Securing Lab Spaces	80.00%
Setup of New Engine Room PC	100.00%	E-Power to Server and Switch Rack in	100.00%
Setup of New Chief Eng. PC	100.00%	Update Sensor Inventory	100.00%

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

Port Call 0:00

Transit 0:00

Total: 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

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 12/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Robbie Gunn
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist - Tim Reston (Southampton)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Brian Jordan (Rice)
Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)
Milena Marjonovic (Lamont graduate)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron

Daily Summary

The Vessel is alongside Vigo, Spain for repairs on Port Main Engine throughout the day.
Continue to work on Projects from the Work List.

Work List	% Complete	Work list	% Complete
Change Section Str 1	100.00%	Lead-in Status update	0.00%
Transfer 6k of Rope to Spider R	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	100.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	90.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	100.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	100.00%
Hose Bundle Status Update	75.00%	Spec'ing out New Source Tow point	0.00%

Plan for Tomorrow

Throughout the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. Continue to work on Work List Projects.

Work List	% Complete	Work list	% Complete
Repair Sys 3 Hyd Port Side	0.00%	Setup of New Captain's PC	100.00%
Reload of all Science Equip	100.00%	Setup of New Chief Mate Laptop	100.00%
Machine Shop Floor Painting	20.00%	Setup of New 1st Eng. Laptop	100.00%
Inventory Bolt Part	100.00%	Setup of New Engine Room Laptop	100.00%
Inventory Jumpers	100.00%	Re-Organizing of Port Lab and Jumper	100.00%
Gun Rebuilds	100.00%	Re-Term Maggie Tow Leaders	100.00%
Trouble Shooting String 2 Comm	100.00%	Label Monitors to what Rack they belong	100.00%
Install of Shelves (Half High)	100.00%	Testing of All Science Equipment	50.00%
Umbical Maintenance	90.00%	Test/Repairs to HSN System	100.00%
Repair Gun Tools	60.00%	Cleaning and Securing Lab Spaces	80.00%
Setup of New Engine Room PC	100.00%	E-Power to Server and Switch Rack in	100.00%
Setup of New Chief Eng. PC	100.00%	Update Sensor Inventory	100.00%

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

Port Call 0:00

Transit 0:00

Total: 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

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 13/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port
Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic -
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist - Tim Reston (Southampton)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Brian Jordan (Rice)
Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)
Milena Marjonovic (Lamont graduate)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron

Daily Summary

The Vessel is alongside Vigo, Spain for repairs on Port Main Engine throughout the day.
Continue to work on Projects from the Work List.

Work List	% Complete	Work list	% Complete
Change Section Str 1	100.00%	Lead-in Status update	0.00%
Transfer 6k of Rope to Spider R	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	100.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	90.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	100.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	100.00%
Hose Bundle Status Update	75.00%	Spec'ing out New Source Tow point	0.00%

Plan for Tomorrow

At the beginning of the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. At ~09:00 GMT it is expected the repairs will be complete and the vessel to get underway for the mission. At ~19:00 GMT Deployment of the towed Streamer Gear will start and should continue throughout the day.

Work List	% Complete	Work list	% Complete
Repair Sys 3 Hyd Port Side	0.00%	Setup of New Captain's PC	100.00%
Reload of all Science Equip	100.00%	Setup of New Chief Mate Laptop	100.00%
Machine Shop Floor Painting	20.00%	Setup of New 1st Eng. Laptop	100.00%
Inventory Bolt Part	100.00%	Setup of New Engine Room Laptop	100.00%
Inventory Jumpers	100.00%	Re-Organizing of Port Lab and Jumper	100.00%
Gun Rebuilds	100.00%	Re-Term Maggie Tow Leaders	100.00%
Trouble Shooting String 2 Comm	100.00%	Label Monitors to what Rack they belong	100.00%
Install of Shelves (Half High)	100.00%	Testing of All Science Equipment	50.00%
Umbical Maintenance	90.00%	Test/Repairs to HSN System	100.00%
Repair Gun Tools	60.00%	Cleaning and Securing Lab Spaces	80.00%
Setup of New Engine Room PC	100.00%	E-Power to Server and Switch Rack in	100.00%
Setup of New Chief Eng. PC	100.00%	Update Sensor Inventory	100.00%

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

Port Call 0:00

Transit 0:00

Total: 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

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 14/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 013.830 N
Lon: 08° 044.240 W

Speed over Ground: In Port
Heading: In Port

Water Depth: In Port

Wind: In Port Seas: In Port

Current Equipment Deployed

None - Along Side Vigo, Spain

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Weston Groves
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist - Tim Reston (Southampton)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Brian Jordan (Rice)
Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)
Milena Marjonovic (Lamont graduate)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

Daily Summary

The Vessel is alongside Vigo, Spain for repairs on Port Main Engine throughout the day.
Continue to work on Projects from the Work List.

Work List	% Complete	Work list	% Complete
Change Section Str 1	100.00%	Lead-in Status update	0.00%
Transfer 6k of Rope to Spider R	100.00%	MARS Testing	0.00%
rTNU Repairs / Testing	100.00%	MSTP Testing	100.00%
Config New Spectra (720's)	100.00%	CCTV Repairs	100.00%
Bridge Spectra Display	100.00%	Diver Ops to Clean EM122	100.00%
Ships Spectra Display	100.00%	Prepare Equipment to be shipped	90.00%
Clean Power re-distribution	100.00%	Repair Streamer 2 Tailbuoy CMX	100.00%
Cleaning of A-Deck Lab	100.00%	Bird Repairs/Service	100.00%
Cleaning of Bird Lab	100.00%	CMX Repairs/Service	100.00%
Test of Gun String CTX's	100.00%	Trouble Shooting RGPS TB Pods Cross	100.00%
Inventory of Streamer Modules	100.00%	Spec'ing out New Lead-in Tow points	100.00%
Hose Bundle Status Update	75.00%	Spec'ing out New Source Tow point	0.00%

Plan for Tomorrow

At the beginning of the day the vessel will be alongside Vigo, Spain to make Repairs to Port Main Engine. At ~09:00 GMT it is expected the repairs will be complete and the vessel to get underway for the mission. At ~19:00 GMT Deployment of the towed Streamer Gear will start and should continue throughout the day.

Work List	% Complete	Work list	% Complete
Repair Sys 3 Hyd Port Side	100.00%	Setup of New Captain's PC	100.00%
Reload of all Science Equip	100.00%	Setup of New Chief Mate Laptop	100.00%
Machine Shop Floor Painting	20.00%	Setup of New 1st Eng. Laptop	100.00%
Inventory Bolt Part	100.00%	Setup of New Engine Room Laptop	100.00%
Inventory Jumpers	100.00%	Re-Organizing of Port Lab and Jumper	100.00%
Gun Rebuilds	100.00%	Re-Term Maggie Tow Leaders	100.00%
Trouble Shooting String 2 Comm	100.00%	Label Monitors to what Rack they belong	100.00%
Install of Shelves (Half High)	100.00%	Testing of All Science Equipment	50.00%
Umbical Maintenance	90.00%	Test/Repairs to HSN System	100.00%
Repair Gun Tools	60.00%	Cleaning and Securing Lab Spaces	80.00%
Setup of New Engine Room PC	100.00%	E-Power to Server and Switch Rack in	100.00%
Setup of New Chief Eng. PC	100.00%	Update Sensor Inventory	100.00%

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

Port Call 0:00

Transit 0:00

Total: 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

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 15/Jul/13

Reporter: RJS

Daily Report

Midnight Position / Info

Lat: 42° 013.829 N
Lon: 08° 044.224 W

Speed over Ground: 04.00kt
Heading: 268 Deg
Water Depth: 3200.0

Wind: NW 5 Kts Seas: 0-1m

Current Equipment Deployed

Streamer 4 and 3/4 of Streamer 1

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Weston Groves
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Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)
Milena Marjonovic (Lamont graduate)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

Daily Summary

The Vessels started the day alongside Vigo, Spain for repairs on Port Main Engine. At 05:06 GMT got underway for the Restart of MGL1307. At 15:44 GMT the vessel slow to 3.5 Kts to begin the Deployment of Streamer 4. At 22:53 GMT Streamer 4 was deployed out on the Port Barovane and the deployment of Steamer 1 began. Streamer 1's deployment continued throughout the day.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day the vessel was continuing to Deploy Streamer 1. After streamer 1 is deployed out on the Barovane, the deployment of Streamer 2 will begin. Once that is complete Streamer 3 deployment will take place, followed by the Energy Sources.

Work List	% Complete	Work list	% Complete

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 24:00

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other

Ship Repair 24:00

Total: 24:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 16/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 06 01.5 N
Lon: 13° 11 14.8 W

Speed over Ground: 04.60kt
Heading: 87°

Water Depth: 5335.3

Wind: NE 10-15 Seas: 1-2m

Current Equipment Deployed

Steamer 1, 2, 3, & 4
Source Sub-Arrays - 1, 2, 3, & 4
PAM
Maggie

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
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PSOs:

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Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

Daily Summary

The Vessels started the day deploying Streamer. At 18:53 GMT all Streamers were in place and vessel began a turn back towards the mission area, Deploying the Source along the way. At 20:11 GMT the vessel started production on Line 1220, but due to Nav issues with location relative to the mission area the line was aborted and a Transit line was started. At 20:35 GMT the Transit line was started and continued thought the rest of the day.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day production will continued on MGL1307T1. At ~01:00 GMT this line will be ended and production will begin on Line 1220A. Throughout the rest of the day production will take place on Line Arc08 and 1324.

Work List	% Complete	Work list	% Complete

MCS Production:

Prime: 27.713 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 27.713 Sail km

Time Breakdown:

Production 3:42

Line Change 0:07

Weather Downtime 0:00

Technical Downtime 20:11

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other

Ship Repair 20:11

Total: 20:11

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

Time Breakdown

Cruise: MGL1307

Date: 17/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 06 39.168 N
Lon: 12° 47 07.1 W

Speed over Ground: 04.40kt

Heading: 87°

Water Depth: 5302.3

Wind: NE 10-15 Seas: 1-2m

Current Equipment Deployed

Steamer 1, 2, 3, & 4
Source Sub-Arrays - 1, 2, 3, & 4
PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
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Milena Marjonovic (Lamont graduate)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

Daily Summary

The day started in production on Line MGL1307T1, which ended at 01:12. After a short line change line 1220A was started and through out the rest of the production was completed on Line 1220A, ACR8, 1234, ARC9. At 21:56 GMT Production was started on line 1228 which continued throughout the rest of the day. ****NOTE - Throughout the Day there was intermittent Telemetry Error on Streamer 3 which caused data to be lost. Also during line 1324 the Maggie stopped working and was recovered onboard for trouble shooting, where it still currently remains.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbilical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day production will continued on line 1228. It is hoped that through out the day production will take place on 1228, ARC10, 1332, ARC11, & 1226.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Operational	CN3050	Operational
Syntrak	Operational	EM122	Operational
DigiCourse	Operational	Knudsen SBP	Non-Operational
DigiSHOT	Operational	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Non-Operational
PosMV	Operational	TSG	Operational
PosNet	Operational	PCo2	Operational
SeisNET 1	Operational	HSN	Operational
SeisNET 2	Operational	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Operational
PROC 2	Operational	META (Weather)	Operational
CN2000	Operational		

MCS Production:

Prime: 193.125 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 193.125 Sail km

Time Breakdown:

Production 23:10

Line Change 0:50

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

Time Breakdown

Cruise: MGL1307

Date: 17/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

deg min
Lat: 42° 06 39.168 N
Lon: 12° 47 07.1 W

Speed over Ground: 04.40kt
Heading: 87°

Water Depth: 5302.3

Wind: NE 10-15 Seas: 1-2m

Current Equipment Deployed

Steamer 1, 2, 3, & 4
Source Sub-Arrays - 1, 2, 3, & 4
PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
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Science Party:

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Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)
Milena Marjonovic (Lamont graduate)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

Daily Summary

The day started in production on Line MGL1307T1, which ended at 01:12. After a short line change line 1220A was started and through out the rest of the production was completed on Line 1220A, ACR8, 1234, ARC9. At 21:56 GMT Production was started on line 1228 which continued throughout the rest of the day. ****NOTE - Throughout the Day there was intermittent Telemetry Error on Streamer 3 which caused data to be lost. Also during line 1324 the Maggie stopped working and was recovered onboard for trouble shooting, where it still currently remains.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day production will continued on line 1228. It is hoped that through out the day production will take place on 1228, ARC10, 1332, ARC11, & 1226.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Operational	CN3050	Operational
Syntrak	Operational	EM122	Operational
DigiCourse	Operational	Knudsen SBP	Non-Operational
DigiSHOT	Operational	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Non-Operational
PosMV	Operational	TSG	Operational
PosNet	Operational	PCo2	Non-Operational
SeisNET 1	Operational	HSN	Operational
SeisNET 2	Operational	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Operational
PROC 2	Operational	META (Weather)	Operational
CN2000	Operational		

MCS Production:

Prime: 193.125 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 193.125 Sail km

Time Breakdown:

Production 23:10

Line Change 0:50

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

Time Breakdown

[illegible]

Cruise: MGL1307

Date: 18/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 07 07.58 N
Lon: 12° 012 25 05.55 W

Speed over Ground: 04.10kt
Heading: 87°

Water Depth: 5019.6

Wind: N 10 -15 Seas: 1-2m

Current Equipment Deployed

Steamer 1, 2, 3, & 4
Source Sub-Arrays - 1, 2, 3, & 4
PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Weston Groves
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Daily Summary

The day started in production on Line 1228. Throughout the day production was completed on Lines 1228, ARC10, 1307, ARC11, and at end of day production was underway on Line 1236. *** NOTE *** Streamer 3 continued to have intermittent Telemetry issues throughout the day.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbilical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day production will continued on line 1236 It is hoped that through out the day production will take place on ARC11, 1307, ARC 12, 1244, & ARC13.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Operational	CN3050	Operational
Syntrak	Operational	EM122	Operational
DigiCourse	Operational	Knudsen SBP	Non-Operational
DigiSHOT	Operational	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Operational
PosMV	Operational	TSG	Operational
PosNet	Operational	PCo2	Non-Operational
SeisNET 1	Operational	HSN	Operational
SeisNET 2	Operational	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Operational
PROC 2	Operational	META (Weather)	Operational
CN2000	Operational		

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist - Tim Reston (Southampton)
Co-Chief Scientist -
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Science Party:

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Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)
Milena Marjonovic (Lamont graduate)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

MCS Production:

Prime: 190.913 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 190.913 Sail km

Time Breakdown:

Production 23:26
Line Change 0:34
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

Port Call 0:00
Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 0:00
Air Compressor 0:00
Other
Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Fishing Gear 0:00
Weather 0:00

Total: 0:00

Lamont-Doherty Earth Observatory
COLUMBIA UNIVERSITY | EARTH INSTITUTE

Time Breakdown

[illegible]

Cruise: MGL1307

Date: 19/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 08 50.49 N
Lon: 12° 04 32.185 W

Speed over Ground: 05.10kt
Heading: 00°

Water Depth: 3964.4

Wind: NNE 5-10 Seas: 0-1m

Current Equipment Deployed

Steamer 1, 2, 3, & 4
Source Sub-Arrays - 1, 2, 3, & 4
PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
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Milena Marjonovic (Lamont graduate)

PSOs:

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Rebeca Garza
Vanessa Brunet Costas

Daily Summary

The day started in production on Line 1236. Throughout the day production was completed on Lines ARC12, 1307, ARC 13, & 1244, and at end of day production was underway on Line ARC14. *** NOTE *** Streamer 3 continued to have intermittent Telemetry issues throughout the day.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbilical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day production will continued on line ARC14 It is hoped that through out the day production will take place on 1348, ARC15, 1252, ARC16, & 1356.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Operational	CN3050	Operational
Syntrak	Operational	EM122	Operational
DigiCourse	Operational	Knudsen SBP	Non-Operational
DigiSHOT	Operational	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Operational
PosMV	Operational	TSG	Operational
PosNet	Operational	PCo2	Non-Operational
SeisNET 1	Operational	HSN	Operational
SeisNET 2	Operational	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Operational
PROC 2	Operational	META (Weather)	Operational
CN2000	Operational		

MCS Production:

Prime: 189.750 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 189.750 Sail km

Time Breakdown:

Production 23:13
Line Change 0:47
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

Port Call 0:00
Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 0:00
Air Compressor 0:00
Other
Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Fishing Gear 0:00
Weather 0:00

Total: 0:00

Time Breakdown

Cruise: MGL1307

Date: 20/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 10 08.019 N
Lon: 12° 33 21.506 W

Speed over Ground: 04.60kt

Heading: 268°

Water Depth: 4902.2

Wind: WNW 5-10 Seas: 0-1m

Current Equipment Deployed

Steamer 1, 2, 3, & 4
Source Sub-Arrays - 1, 2, 3, & 4
PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Weston Groves
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Daily Summary

The day started in production on Line ARC14. Throughout the day production was completed on Lines 1348, ARC15, 1252, & ARC16 and at end of day production was underway on Line 1356. During Line ARC16 Sub-Array 2 was recovered for maintenance.
*** NOTE *** Streamer 3 continued to have intermittent Telemetry issues throughout the day.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist -Milena Marjonovic (Lamont graduate)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Brian Jordan (Rice)
Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

Plan for Tomorrow

At the beginning of the day production will continued on line 1356 It is hoped that through out the day production will take place on ARC17,1260, ARC18, and 1364.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Operational	CN3050	Operational
Syntrak	Operational	EM122	Operational
DigiCourse	Operational	Knudsen SBP	Non-Operational
DigiSHOT	Operational	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Operational
PosMV	Operational	TSG	Operational
PosNet	Operational	PCo2	Non-Operational
SeisNET 1	Operational	HSN	Operational
SeisNET 2	Operational	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Operational
PROC 2	Operational	META (Weather)	Operational
CN2000	Operational		

MCS Production:

Prime: 200.288 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 200.288 Sail km

Time Breakdown:

Production 23:21

Line Change 0:39

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

Time Breakdown

Cruise: MGL1307

Date: 21/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 09 56.711 N
Lon: 12° 58 52.454 W

Speed over Ground: 05.00kt

Heading: 268°

Water Depth: 5323.1

Wind: SSW 5 Seas: 0-1m

Current Equipment Deployed

Steamer 1, 2, 3, & 4
Source Sub-Arrays - 1, 2, 3, & 4
PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Weston Groves
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist -Milena Marjonovic (Lamont graduate)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

Daily Summary

The day started in production on Line 1356. Throughout the day production was completed on Lines ARC17,1260, & ARC18 and at end of day production was underway on Line 1364. During Line ARC18 Sub-Array 1 was recovered for maintenance.
*** NOTE *** Streamer 3 continued to have intermittent Telemetry issues throughout the day.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day production will continued on line 1364 It is hoped that through out the day production will take place on ARC19, 1268, 1316, and 1316l.
NOTE Due to continued Telemetry issues with streamer 3, the shooting plan will be adjusted to account for missing data.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Operational	CN3050	Operational
Syntrak	Operational	EM122	Operational
DigiCourse	Operational	Knudsen SBP	Non-Operational
DigiSHOT	Operational	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Operational
PosMV	Operational	TSG	Operational
PosNet	Operational	PCo2	Non-Operational
SeisNET 1	Operational	HSN	Operational
SeisNET 2	Operational	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Operational
PROC 2	Operational	META (Weather)	Operational
CN2000	Operational		

MCS Production:

Prime: 206.509 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 206.509 Sail km

Time Breakdown:

Production 23:32

Line Change 0:28

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

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Time Breakdown

[illegible]

Cruise: MGL1307

Date: 22/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 07 46.938 N
Lon: 12° 49 49.181 W

Speed over Ground: 04.70kt
Heading: 87°

Water Depth: 5331.4

Wind: SSW 5-10 Seas: 0-1m

Current Equipment Deployed

Steamer 1, 2, 3, & 4
Source Sub-Arrays - 1, 2, 3, & 4
PAM

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Weston Groves
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Daily Summary

The day started in production on Line 1364. Throughout the day production was completed on Lines ARC19, 1268, 1316 and at end of day production was underway on Line 1276.
*** NOTE *** At the end of line 1268 some more trouble shooting of Streamer 3 Telemetry issue was done and the problem has been correct. However during line 1268 Streamer 1 developed Telemetry issues and then failed at module 10. It currently only has 4350m (348 Ch) active.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day production will continued on line 1268 It is hoped that through out the day production will take place on ARC20, 1364I, ARC21, and 1284.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Operational	CN3050	Operational
Syntrak	Operational	EM122	Operational
DigiCourse	Operational	Knudsen SBP	Operational
DigiSHOT	Operational	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Operational
PosMV	Operational	TSG	Operational
PosNet	Operational	PCo2	Non-Operational
SeisNET 1	Operational	HSN	Operational
SeisNET 2	Operational	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Operational
PROC 2	Operational	META (Weather)	Operational
CN2000	Operational		

Chief Scientist : Dale Sawyer (RICE)
Co-Chief Scientist -Milena Marjonovic (Lamont graduate)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

MCS Production:

Prime: 172.350 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 172.350 Sail km

Time Breakdown:

Production 19:34
Line Change 3:10
Weather Downtime 0:00
Technical Downtime 1:16
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

Port Call 0:00
Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 1:16
Air Compressor 0:00
Other
Ship Repair 0:00

Total: 1:16

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Fishing Gear 0:00
Weather 0:00

Total: 0:00

Time Breakdown

Cruise: MGL1307

Date: 23/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 08 24.36 N
Lon: 12° 08 20.949 W

Speed over Ground: 04.50kt
Heading: 87°

Water Depth: 4855.4

Wind: SW 10-15 Seas: 1-2m

Current Equipment Deployed

Steamer 1, 2, 3, & 4
Source Sub-Arrays - 1, 2, 3, & 4
PAM - Maggie

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Weston Groves
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Daily Summary

The day started in production on Line 1276. Throughout the day production was completed on Lines ARC20, 1364I, ARC21, and at end of day production was underway on Line 1284.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day production will continued on line 1284 It is hoped that through out the day production will take place on ARC22, 1356I, ARC23, and 1244I.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Operational	CNav3050	Operational
Syntrak	Operational	EM122	Operational
DigiCourse	Operational	Knudsen SBP	Operational
DigiSHOT	Operational	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Operational
PosMV	Operational	TSG	Operational
PosNet	Operational	PCo2	Non-Operational
SeisNET 1	Operational	HSN	Operational
SeisNET 2	Operational	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Operational
PROC 2	Operational	META (Weather)	Operational
CNav2000	Operational	ADCP	Issues

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist -Milena Marjonovic (Lamont graduate)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

MCS Production:

Prime: 125.475 Sail km

Infill: 69.263 Sail km

Reshoot: 0.000 Sail km

Total: 194.738 Sail km

Time Breakdown:

Production 22:56
Line Change 0:50
Weather Downtime 0:00
Technical Downtime 0:00
External Downtime 0:14
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

Port Call 0:00
Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 0:00
Air Compressor 0:00
Other
Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:14
Maneuvering 0:00
Fishing Gear 0:00
Weather 0:00

Total: 0:14

Time Breakdown

Cruise: MGL1307

Date: 24/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 09 06.857 N
Lon: 12° 09 27.779 W

Speed over Ground: 04.60kt
Heading: 268°
Water Depth: 4402.0

Wind: WSW 5-10 Seas: 0-1m

Current Equipment Deployed

Steamer 1, 2, 3, & 4
Source Sub-Arrays - 1, 2, 3, & 4
PAM - Maggie

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Weston Groves
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Daily Summary

The day started in production on Line 1284 Throughout the day production was completed on Lines ARC22, 1356l ARC23, & 1244l, and at end of day production was underway on Line 1308.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day production will continued on line 1308 It is hoped that throughout the day production will take place on 1236l, ARC24, and 1340l.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Operational	CNav3050	Operational
Syntrak	Operational	EM122	Operational
DigiCourse	Operational	Knudsen SBP	Operational
DigiSHOT	Operational	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Operational
PosMV	Operational	TSG	Operational
PosNet	Operational	PCo2	Non-Operational
SeisNET 1	Operational	HSN	Operational
SeisNET 2	Operational	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Operational
PROC 2	Operational	META (Weather)	Operational
CNav2000	Operational	ADCP	Issues

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist -Milena Marjonovic (Lamont graduate)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

MCS Production:

Prime: 41.775 Sail km

Infill: 144.900 Sail km

Reshoot: 0.000 Sail km

Total: 186.675 Sail km

Time Breakdown:

Production 21:33
Line Change 2:10
Weather Downtime 0:00
Technical Downtime 0:17
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

Port Call 0:00
Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 0:17
Air Compressor 0:00
Other
Ship Repair 0:00

Total: 0:17

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Fishing Gear 0:00
Weather 0:00

Total: 0:00

Time Breakdown

Cruise: MGL1307

Date: 25/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 09 46.353 N
Lon: 12° 33 58.716 W

Speed over Ground: 04.80kt
Heading: 268°

Water Depth: 4946.2

Wind: W - 15-20 Seas: 1-2m

Current Equipment Deployed

Steamer 1, 2, 3, & 4
Source Sub-Arrays - 1, 2, 3, & 4
PAM -

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Weston Groves
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist -Milena Marjonovic (Lamont graduate)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

Daily Summary

The day started in production on Line1308. Throughout the day production was completed on Lines 1236I, & ARC24, and at end of day production was underway on Line 1340I.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day production will continued on line 1340I It is hoped that throughout the day production will take place on 1292, ARC25, & 1052R

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Operational	CNav3050	Operational
Syntrak	Operational	EM122	Operational
DigiCourse	Operational	Knudsen SBP	Operational
DigiSHOT	Operational	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Operational
PosMV	Operational	TSG	Operational
PosNet	Operational	PCo2	Non-Operational
SeisNET 1	Operational	HSN	Operational
SeisNET 2	Operational	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Operational
PROC 2	Operational	META (Weather)	Operational
CNav2000	Operational	ADCP	Issues

MCS Production:

Prime: 76.800 Sail km

Infill: 110.100 Sail km

Reshoot: 0.000 Sail km

Total: 186.900 Sail km

Time Breakdown:

Production #####

Line Change 15:33

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

Port Call 0:00

Transit 0:00

Total: 0:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Steamer 0:00

Air Compressor 0:00

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

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Time Breakdown

[illegible]

Cruise: MGL1307

Date: 26/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 02 15.768 N
Lon: 12° 43 00.122 W

Speed over Ground: 04.80kt
Heading: 268°
Water Depth: 289.6

Wind: SW 15-20 Seas: 1-3m

Current Equipment Deployed

Steamer 1, 2, 3, & 4
Source Sub-Arrays - 1, 2, 3, & 4
PAM -

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Weston Groves
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Daily Summary

The day started in production on Line 1340I. Throughout the day production was completed on Lines 1292, & ARC25, and at end of day production was underway on Line 1052R.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day production will continued on line1052R It is hoped that throughout the day production will take place on ARC26, 1300, & 1348I.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Operational	CNav3050	Operational
Syntrak	Operational	EM122	Operational
DigiCourse	Operational	Knudsen SBP	Operational
DigiSHOT	Operational	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Operational
PosMV	Operational	TSG	Operational
PosNet	Operational	PCo2	Non-Operational
SeisNET 1	Operational	HSN	Operational
SeisNET 2	Operational	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Operational
PROC 2	Operational	META (Weather)	Operational
CNav2000	Operational	ADCP	Issues

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist -Milena Marjonovic (Lamont graduate)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

MCS Production:

Prime: 95.081 Sail km

Infill: 78.075 Sail km

Reshoot: 7.088 Sail km

Total: 180.243 Sail km

Time Breakdown:

Production 20:37
Line Change 1:46
Weather Downtime 0:00
Technical Downtime 1:37
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

Port Call 0:00
Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:59
Hydraulics 0:00
Source 0:00
Steamer 0:38
Air Compressor 0:00
Other
Ship Repair 0:00

Total: 1:37

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Fishing Gear 0:00
Weather 0:00

Total: 0:00

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Time Breakdown

[illegible]

Cruise: MGL1307

Date: 27/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 09 43.735 N
Lon: 12° 46 33.957 W

Speed over Ground: 04.50kt
Heading: 268°
Water Depth: 5296.0

Wind: WSW 15-20 Seas: 2-3m

Current Equipment Deployed

Steamer 1, 2, 3, & 4
Source Sub-Arrays - 1, 2, 3, & 4
PAM -

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Weston Groves
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Daily Summary

The day started in production on Line 1052R. During the first part of the day production was completed on 1052R, ARC26, & 1300. Shortly after starting 1348J it was observed that the Stbd Streamers where not towing in their correct location. The Source was recoverd, followed shortly by the Streamers 1, 2, and Stbd Door. The Separation Rope that connected streamer 1 & 2 had failed. It was replaced and all equipment was re-deployed. At the end of the day the Stbd Source was being deployed and it was expected that Production on line 1348J would start shortly.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day the Stbd Source will continue to be re-deployed after the Streamer Separation Rope failure. Shortly after that Production will begin on 1348J. It is hoped that throughout the day production will take place on ARC27, 1252I, ARC28, and 1348K.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Operational	CNav3050	Operational
Syntrak	Operational	EM122	Operational
DigiCourse	Operational	Knudsen SBP	Operational
DigiSHOT	Operational	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Operational
PosMV	Operational	TSG	Operational
PosNet	Operational	PCo2	Non-Operational
SeisNET 1	Operational	HSN	Operational
SeisNET 2	Operational	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Operational
PROC 2	Operational	META (Weather)	Operational
CNav2000	Operational	ADCP	Issues

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist -Milena Marjonovic (Lamont graduate)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

MCS Production:

Prime: 78.600 Sail km

Infill: 20.063 Sail km

Reshoot: 0.000 Sail km

Total: 98.663 Sail km

Time Breakdown:

Production 12:33
Line Change 2:04
Weather Downtime 0:00
Technical Downtime 9:23
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

Port Call 0:00
Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 9:23
Air Compressor 0:00
Other
Ship Repair 0:00

Total: 9:23

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Fishing Gear 0:00
Weather 0:00

Total: 0:00

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Cruise: MGL1307

Date: 28/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 07 16.06 N
Lon: 12° 01 25.547 W

Speed over Ground: 04.90kt

Heading: 87°

Water Depth: 5326.0

Wind: WSW 15-20 Seas: 1-3m

Current Equipment Deployed

Steamer 1, 2, 3, & 4
Source Sub-Arrays - 1, 2, 3, & 4
PAM -

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Weston Groves
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Daily Summary

The day started we were just finishing the deployment of the Source. At 00:28 GMT Production started on line 1348K. During the rest of the day production was completed on ARC27, 1258I, ARC28, & 1348K. At the end of the day the vessel was in production on line 1260I.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day the we will continue be continuing production on 1260I. It is hoped that throughout the day production will take place on ARC29, 1372, and 1332I.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Operational	CNav3050	Operational
Syntrak	Operational	EM122	Operational
DigiCourse	Operational	Knudsen SBP	Operational
DigiSHOT	Operational	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Operational
PosMV	Operational	TSG	Operational
PosNet	Operational	PCo2	Non-Operational
SeisNET 1	Operational	HSN	Operational
SeisNET 2	Operational	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Operational
PROC 2	Operational	META (Weather)	Operational
CNav2000	Operational	ADCP	Issues

Chief Scientist : Dale Sawyer (RICE)
Co-Chief Scientist -Milena Marjonovic (Lamont graduate)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

MCS Production:

Prime: 15.900 Sail km

Infill: 173.813 Sail km

Reshoot: 0.000 Sail km

Total: 189.713 Sail km

Time Breakdown:

Production 21:23
Line Change 2:09
Weather Downtime 0:00
Technical Downtime 0:28
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

Port Call 0:00
Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 0:28
Air Compressor 0:00
Other
Ship Repair 0:00

Total: 0:28

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Fishing Gear 0:00
Weather 0:00

Total: 0:00

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Time Breakdown

[illegible]

Cruise: MGL1307

Date: 29/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 09 21.963 N
Lon: 12° 37 58.040 W

Speed over Ground: 04.80kt
Heading: 87°

Water Depth: 5261.4

Wind: SW 10-15 Seas: 1-2m

Current Equipment Deployed

Steamer 1, 2, 3, & 4
Source Sub-Arrays - 1, 2, 3, & 4
PAM -

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Weston Groves
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist -Milena Marjonovic (Lamont graduate)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

Daily Summary

The day started with us in production on Line 12601.. During the rest of the day production was completed on ARC29, & 1372. At the end of the day the vessel was in production on line 13321.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day the we will continue production on 13321 It is hoped that throughout the day production will take place on 1380 and 1388.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Operational	CNav3050	Operational
Syntrak	Operational	EM122	Operational
DigiCourse	Operational	Knudsen SBP	Operational
DigiSHOT	Operational	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Operational
PosMV	Operational	TSG	Operational
PosNet	Operational	PCo2	Non-Operational
SeisNET 1	Operational	HSN	Operational
SeisNET 2	Operational	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Operational
PROC 2	Operational	META (Weather)	Operational
CNav2000	Operational	ADCP	Issues

MCS Production:

Prime: 79.800 Sail km

Infill: 107.138 Sail km

Reshoot: 0.000 Sail km

Total: 186.938 Sail km

Time Breakdown:

Production 21:58

Line Change 2:02

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 30/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 10 53.106 N
Lon: 12° 45 08.622 W

Speed over Ground: 04.80kt

Heading: 87°

Water Depth: 5292.0

Wind: SW 5-10 Seas: <1m

Current Equipment Deployed

Steamer 1, 2, 3, & 4
Source Sub-Arrays - 1, 2, 3, & 4
PAM -

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Weston Groves
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist -Milena Marjonovic (Lamont graduate)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

Daily Summary

The day started with us in production on Line 13321.. During the rest of the day production was completed on 1380 and ARC30. At the end of the day the vessel was in production on line 1388. After line 1380 the Port Main Engine (PME) had to be shut down for a hour or so to complete a repair to a coolant leak.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day the we will continue production on 1388. Once 1388 is complete a line change to 1396 will take place. Either at the end of 1396 or 20:00 GMT production will stop an all towed equipment recovery will start and will continue through the remainder of the day.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Operational	CNav3050	Operational
Syntrak	Operational	EM122	Operational
DigiCourse	Operational	Knudsen SBP	Operational
DigiSHOT	Operational	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Operational
PosMV	Operational	TSG	Operational
PosNet	Operational	PCo2	Non-Operational
SeisNET 1	Operational	HSN	Operational
SeisNET 2	Operational	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Operational
PROC 2	Operational	META (Weather)	Operational
CNav2000	Operational	ADCP	Non-Operational

MCS Production:

Prime: 116.663 Sail km

Infill: 41.963 Sail km

Reshoot: 0.000 Sail km

Total: 158.625 Sail km

Time Breakdown:

Production 18:52

Line Change 4:04

Weather Downtime 0:00

Technical Downtime 1:04

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

Port Call 0:00

Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other

Ship Repair 1:04

Total: 1:04

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

[illegible]

Cruise: MGL1307

Date: 30/Jul/13

Reporter: RJ5

Daily Report

Midnight Position / Info

Lat: 42° 20 49.260 N
Lon: 12° 39 41.591 W

Speed over Ground: 03.60kt
Heading: 51°

Current Equipment Deployed

Steamer 1,, 3 (Half), & 4

Water Depth: EM122 Secured

Wind: SSW 15-20 Seas: 1-2m

Daily Summary

The day started with us in production on Line 1388.. Once 1388 was completed a line change to 1396 took place. At 17:50 GMT production was stopped recovery of all towed equipment was started and continue through the remainder of the day.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day the we will continue recovery of all towed equipment. Once onboard the vessel will be transiting to Vigo, Spain which will continue throughout the day.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Operational	CNav3050	Operational
Syntrak	Operational	EM122	Operational
DigiCourse	Operational	Knudsen SBP	Operational
DigiSHOT	Operational	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Operational
PosMV	Operational	TSG	Operational
PosNet	Operational	PCo2	Non-Operational
SeisNET 1	Operational	HSN	Operational
SeisNET 2	Operational	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Operational
PROC 2	Operational	META (Weather)	Operational
CNav2000	Operational	ADCP	Non-Operational

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Weston Groves
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist -Milena Marjonovic (Lamont graduate)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

MCS Production:

Prime: 118.425 Sail km

Infill: 0.000 Sail km

Reshoot: 0.000 Sail km

Total: 118.425 Sail km

Time Breakdown:

Production 13:52
Line Change 2:12
Weather Downtime 0:00
Technical Downtime 6:10
External Downtime 1:46
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

Port Call 0:00
Transit 0:00

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 1:17
Streamer 4:53
Air Compressor 0:00
Other
Ship Repair 0:00

Total: 6:10

External Downtime:

Mitigation / PAM 1:46
Maneuvering 0:00
Fishing Gear 0:00
Weather 0:00

Total: 1:46

[illegible]

Cruise: MGL1307

Date: 1/Aug/13

Reporter: RJS

Daily Report

Midnight Position / Info

Lat: 42° 14 10.630 N
Lon: 09° 36 01.031 W

Speed over Ground: 06.70kt
Heading: 104°

Current Equipment Deployed

Steamer 1,, 3 (Half), & 4

Water Depth: EM122 Secured

Wind: W 5-10 Seas: 1-2m

Daily Summary

The day started with us continuing to recover steamers. At 06:05 GMT all towed equipment was onboard and the vessel was underway for Vigo, Spain. The Transit Continued throughout the rest of the day.

Work List	% Complete	Work list	% Complete
Lead-in Status update	0.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	90.00%		
Repair Gun Tools	60.00%		
Testing of All Science Equipment	50.00%		
Cleaning and Securing Lab Space	80.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day the we will continue transiting to Vigo, Spain. At ~06:00 GMT the vessel will arrive in Vigo, Spain where it will remain throughout the rest of the day.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Off-Line	CNav3050	Operational
Syntrak	Off-Line	EM122	Off-Line
DigiCourse	Off-Line	Knudsen SBP	Off-Line
DigiSHOT	Off-Line	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Off-Line
PosMV	Operational	TSG	Off-Line
PosNet	Off-Line	PCo2	Non-Operational
SeisNET 1	Off-Line	HSN	Operational
SeisNET 2	Off-Line	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Off-Line
PROC 2	Operational	META (Weather)	Operational
CNav2000	Operational	ADCP	Non-Operational

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Science Officer - Jay Johnstone
Acq. Technician - Bern McKiernan
Acq. Technician - Klayton Curtis
Marine Tech - Robert (Bobby) Koprowski
Navigation - Mike Martello
Navigation - Matt Grey
NavProc - Alan Thompson
Sr. Gun Mechanic - Tom Spoto
Gun Mechanic - Weston Groves
Gun Mechanic - Carlos Gutierrez
Gun Mechanic - Mike Tatro

Chief Scientist : Dale Sawyer (RICE)

Co-Chief Scientist -Milena Marjonovic (Lamont graduate)
Co-Chief Scientist -
Co-Chief Scientist -

Science Party:

Khemraj Shukla (Oklahoma State Univ.)
James Gibson (Lamont)
Jiao Pedro Tauscheck Zielinski (Universidad Complutense de Madrid)
Sarah Dean (Rice)
Tessa Gregory (Southampton)
Katherine Coates (Southampton)
Natalie Accardo (Lamont)
Gaye Bayrakci (Southampton, new post-doc, moving from Ifremer)

PSOs:

Heidi Ingram
Meghan Piercy
Dara Cameron
Rebeca Garza
Vanessa Brunet Costas

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 6:05
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

Port Call 0:00
Transit 17:55

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00
Instrument Navigation 0:00
Hydraulics 0:00
Source 0:00
Streamer 6:05
Air Compressor 0:00
Other
Ship Repair 0:00

Total: 6:05

External Downtime:

Mitigation / PAM 0:00
Maneuvering 0:00
Fishing Gear 0:00
Weather 0:00

Total: 0:00

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Cruise: MGL1307

Date: 2/Aug/13

Reporter: RJS

Daily Report

Midnight Position / Info

Lat: 42° 014.529 N
Lon: 08° 043.667 W

Speed over Ground: 00.00kt
Heading: 53°

Water Depth: At Dock

Wind: At Dock Seas: At Dock

Current Equipment Deployed

None

Technical Staff Onboard:

Ch. Science Officer - Robert Steinhaus
Marine Tech - Robert (Bobby) Koprowski

Daily Summary

The day started with us continuing the Trasit to Vigo, Spain. At 06:30 GMT the vessel arrived along side and remained there throughout the day. Today will end reporting on MGL1307.

Work List	% Complete	Work list	% Complete
Lead-in Status update	100.00%		
MARS Testing	0.00%		
Prepare Equipment to be shipped	90.00%		
Spec'ing out New Source Tow p	0.00%		
Machine Shop Floor Painting	20.00%		
Umbical Maintenance	100.00%		
Repair Gun Tools	100.00%		
Testing of All Science Equipment	100.00%		
Cleaning and Securing Lab Space	100.00%		
Hose Bundle Status Update	75.00%		

Plan for Tomorrow

At the beginning of the day the we will continue alongside Vigo, Spain. At ~08:00 GMT the vessel will get underway for Reykiavik, Iceland and will continue in transit throughout the day.

Major Science Equipment	Status	Major Science Equipment	Status
SPECTRA	Off-Line	CNav3050	Operational
Syntrak	Off-Line	EM122	Off-Line
DigiCourse	Off-Line	Knudsen SBP	Off-Line
DigiSHOT	Off-Line	BGM-3 Gravimeter	Operational
Sea Path	Operational	882 Magnetometer	Off-Line
PosMV	Operational	TSG	Off-Line
PosNet	Off-Line	PCo2	Non-Operational
SeisNET 1	Off-Line	HSN	Operational
SeisNET 2	Off-Line	FBB	Operational
PROC 1	Operational	MicoSV (USS WET LAB)	Off-Line
PROC 2	Operational	META (Weather)	Operational
CNav2000	Operational	ADCP	Non-Operational

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

Port Call 17:30

Transit 6:30

Total: 24:00

Technical Downtime:

Instrument Acquisition 0:00

Instrument Navigation 0:00

Hydraulics 0:00

Source 0:00

Streamer 0:00

Air Compressor 0:00

Other

Ship Repair 0:00

Total: 0:00

External Downtime:

Mitigation / PAM 0:00

Maneuvering 0:00

Fishing Gear 0:00

Weather 0:00

Total: 0:00

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