



Toomey

ETOMO

To: Office of Marine Operations

Cc: Reports Group

Fm: Anthony D Johnson – Technician in Charge (LDEO)

MGL0910

R/V Marcus G. Langseth

Daily Report for 05 Sep 2009

1. STATISTICAL ANALYSIS

Line Charge Analysis

Sailed KM

09/05/2009

Prime Sail Line	180.450
Infill Sail Line	0.000
Reshoot Sail Line	0.000
Total:	180.450

Time Activity Analysis

09/05/2009

MCS Production	0:00
MCS Line Change	0:00
MCS Extended Line Change	0:00
Source-only Production	20:55
Deg. Survey/Source Maintenance	0:06
Streamer Maintenance	0:00
Streamer Recovery	0:00
Streamer Deployment	0:00
Source Maintenance	0:00
Source Recovery	0:00
Source Deploy	0:00
PAM Deploy	0:00
PAM Recovery	0:00
Seismic Air Compressor	0:00
Hydraulic System	0:00
Turn/Transition	2:59
Magnetometer Survey	0:00
Multibeam survey	0:00
Transit/Mob/Demob	0:00
Port Call	0:00
Weather/Currents	0:00
Acoustic release cast	0:00
OBS Deployment	0:00
Test OBS Deployment	0:00
Equipment Failure – Seismic	0:00

Total: 24:00

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2. TIME SUMMARY

Start	End	Description/Comments
00:00	03:21	Source survey – MGL0910_12 FSP 24087 – LSP 24021
03:21	04:05	Turn/Transition
04:05	11:05	Source survey – MGL0910_09 FSP 25018 – LSP 25154
11:05	11:11	Degraded survey – MGL0910_09 FSP 25154 – LSP 25156
11:11	12:47	Turn/Transition
12:47	20:01	Source survey – MGL0910_14 FSP 26157 – LSP 26021
20:01	20:40	Turn/Transition
20:40	00:00	Source survey – MGL0910_11 FSP 27019 – LSP 27080 Midnight Shot Point: 27080 – Line Continued on New Day

GMT Midnight (24:00) Position / Heading:

POS 47 56.0732 N
 129 01.5391 W
HDG: 017.2 Deg
SPEED: 4.2 Knots

Weather:

Winds S @ 12.4 Kts
Seas 6-8"

Comments

local time is UTC-7

Science technical staff currently on board:

Johnson, Cucchiara, Eaton, Goodick, Gunn, Gutierrez, Kuehnast, Martinson, McKiernan, Ng, Spoto

Science party currently on board:

Toomey, Wilcock, Hooft, Araragi, Durant, Weekly, Price, Soule, Wells
OBS Tech: Aaron, Dubois, Girbaud, Lemmond, Thai

Mammal observers currently on board vessel:

Beland, Calvatturo, Dawe, Graham, Nicolas, Meyer

Daily Summary:

Complete survey line 12. Survey line 09. Source maintenance begun two shots before EOL line 09 at PI request. Complete maintenance during line change. Survey line 14. Begin survey line 11.



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Source continues to perform reliably. One 360 misfired though line 09 and was repaired during the line change.

Next 24 hours

Complete survey line 11. Survey line . Begin survey line 08. Line 08 will complete the 60k grid. Source maintenance en route to inner grid (20km survey lines). Begin survey inner grid.

Anthony Johnson