



**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 01 Sep 2009

### 1. STATISTICAL ANALYSIS

#### Line Charge Analysis

Sailed KM

**09/01/2009**

Prime Sail Line	184.500
Infill Sail Line	0.000
Reshoot Sail Line	0.000
Total:	184.500

#### Time Activity Analysis

**09/01/2009**

MCS Production	0:00
MCS Line Change	0:00
MCS Extended Line Change	0:00
Source-only Production	13:04
Deg. Survey/Source Maintenance	7:05
Streamer Maintenance	0:00
Streamer Recovery	0:00
Streamer Deployment	0:00
Source Maintenance	1:59
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	1:52
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**

<b>Start</b>	<b>End</b>	<b>Description/Comments</b>
00:00	00:32	Source maintenance
00:32	01:08	Turn/Transition
01:08	08:06	Source survey – MGL0910_16 FSP 13019 – LSP 13156
08:06	10:05	Source maintenance
10:05	10:41	Turn/Transition
10:41	17:46	Degraded survey – MGL0910_23 FSP 14157 – LSP 14021
17:46	18:26	Turn/Transition
18:26	00:00	Source survey – MGL0910_20 FSP 15019 – LSP 15156 Midnight Shot Point: 15156 – Line Continued on New Day

## **GMT Midnight (24:00) Position / Heading:**

POS                    48 08.1822 N  
                          129 03.4296 W  
HDG:                   261 Deg  
SPEED:                4.3 Knots

## **Weather:**

Winds                N @ 11.6 Kts  
Seas                  3-5"

## **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:**

Deploy source after maintenance. Survey line 16. Source maintenance again. Survey line 23 surveyed with two strings only; strings 1 and 2 on board for maintenance. Complete survey line 23, redeploy full source. Begin survey line 20.



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PAM operations relocated to Main Deck STBD Dry Lab to use the hull transducer.

**Next 24 hours**

Complete survey line 20. We will recover strings 1 and 2 to swap them. Moving the problem string to position 2 will allow easier troubleshooting and maintenance.

Anticipate PAM streamer will be repaired and back in service.

Anthony Johnson