

**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 03 Sep 2009**

### **1. STATISTICAL ANALYSIS**

#### **Line Charge Analysis**

Sailed KM

**09/03/2009**

Prime Sail Line	186.750
Infill Sail Line	0.000
Reshoot Sail Line	0.000
Total:	186.750

#### **Time Activity Analysis**

**09/03/2009**

MCS Production	0:00
MCS Line Change	0:00
MCS Extended Line Change	0:00
Source-only Production	20:28
Deg. Survey/Source Maintenance	0:47
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	2:45
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	03:22	Source survey – MGL0910_22 – 18090–18023
03:22	03:33	Degraded survey – MGL0910_22 – 18023–18021
03:33	04:42	Turn/Transition
04:42	11:09	Source survey – MGL0910_19 – 19020–19152
11:09	11:24	Degraded survey – MGL0910_19 – 19020–19152
11:24	12:23	Turn/Transition – PM string 3
12:23	12:44	Degraded survey – MGL0910_24 – 20157–20150
12:44	19:16	Source survey – MGL0910_24 – 20150–20021
19:16	19:53	Turn/Transition
19:53	00:00	Source survey – MGL0910_21 – 21020–21103
		Midnight Shot Point: 21103 – Line Continued on New Day

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

POS                      48 03.0202 N  
                              129 06.7189 W  
HDG:                    16.5 Deg  
SPEED:                 4.8 Knots

## **Weather:**

Winds                   SE @ 22 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:**



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Complete survey line 22. Source maintenance again, String 2. GPS pod swapped out. Survey line 19. Preventative maintenance on String 3 at end of line 19; maintenance begun before EOL at PI request. Turn on to and survey line 24, maintenance ended shortly after SOL. Complete line 24. Turn on to and begin survey line 21.

Source performance much improved since on-line maintenance during line 22 on 9/2.

**Next 24 hours**

Complete survey line 21. Survey line 19, 24; begin survey line 21.

Anthony Johnson