



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 31 Aug 2009

1. STATISTICAL ANALYSIS

Line Charge Analysis

Sailed KM

08/31/2009

Prime Sail Line	84.000
Infill Sail Line	0.000
Reshoot Sail Line	9.660
Total:	93.660

Time Activity Analysis

08/31/2009

MCS Production	0:00
MCS Line Change	0:00
MCS Extended Line Change	0:00
Source-only Production	21:14
Deg. Survey/Source Maintenance	0:00
Streamer Maintenance	0:58
Streamer Recovery	0:00
Streamer Deployment	0:24
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	1:17
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	0:07

Total: 24:00

Toomey

MGL0910

ETOMO

R/V Marcus G. Langseth

To: Office of Marine Operations

Cc: Reports Group

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

2. TIME SUMMARY

Start	End	Description/Comments
00:00	00:24	Source Deploy – Adjust source to 9m depth
00:24	07:38	Source survey – MGL0910_07 FSP 9163 – LSP 9021 Prime
07:38	08:17	Turn/Transition
08:17	08:30	Source survey – MGL0910_10 FSP 10020 – LSP 10024 Prime
08:30	08:37	Equip Failure – Nav
08:37	15:21	Source survey – MGL0910_10A FSP 11026 – LSP 11156 Prime
15:21	15:59	Turn/Transition
15:59	23:02	Source survey – MGL0910_13 –FSP 12157 – LSP 12021 Prime
23:02	00:00	Source maintenance

GMT Midnight (24:00) Position / Heading:

POS 47 38.6268 N
 129 11.9796 W
 HDG: 261 Deg
 SPEED: 4.3 Knots

Weather:

Winds N @ 21 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:

Complete re-deploy of source after tow depth adjustment. Survey line 07, begin line 10. Navigation system error cause line to be immediately aborted and restarted as 10A. Complete line 10A. Begin and complete line 13. Recover string 1 for source maintenance.



Toomey

ETOMO

To: Office of Marine Operations

Cc: Reports Group

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

MGL0910

R/V Marcus G. Langseth

The PAM streamer showed an unacceptable level of noise early in the day and was recovered for troubleshooting at ~1430Z. PAM operations are temporarily suspended.

Next 24 hours

Finish source maintenance, survey lines 16, 23, 20.

Anthony Johnson