



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 16 Sep 2009

### 1. STATISTICAL ANALYSIS

#### Line Charge Analysis

Sailed KM

**09/16/2009**

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

#### Time Activity Analysis

**09/16/2009**

MCS Production	0:00
MCS Line Change	0:00
MCS Extended Line Change	0:00
Source-only Production	0:00
Deg. Survey/Source Maintenance	0:00
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	0:51
Magnetometer Survey	0:00
Multibeam survey	0:00
Transit/Mob/Demob	0:00
Port Call	0:00
Weather/Currents	5:16
Acoustic release cast	0:00
OBS Deployment	0:00
Test OBS Deployment	0:00
OBS Recovery	17:53
Equipment Failure – Seismic	0:00
Power/Propulsion Failure	0:00

Total: 24:00



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**2. TIME SUMMARY**

<b>Start</b>	<b>End</b>	<b>Description/Comments</b>
00:00	00:59	OBS Recovery
00:59	00:59	OBS Recovered – W23
00:59	03:07	OBS Recovery
03:07	03:07	OBS Recovered – S16
03:07	05:16	OBS Recovery
05:16	05:16	OBS Recovered – S54
05:16	06:49	OBS Recovery
06:49	06:49	OBS Recovered – S46
06:49	07:52	OBS Recovery
07:52	07:52	OBS Recovered – S46A
07:52	10:16	OBS Recovery
10:16	10:16	OBS Recovered – S39
10:16	11:42	OBS Recovery
11:42	11:42	OBS Recovered – S47
11:42	13:17	OBS Recovery
13:17	13:17	OBS Recovered – S40
13:17	15:40	OBS Recovery
15:40	15:40	OBS Recovered – W06
15:40	17:34	OBS Recovery
17:34	17:34	OBS Recovered – W05
17:34	19:39	OBS Recovery
19:39	19:39	OBS Recovered – W04
19:39	21:52	OBS Recovery
21:52	21:52	OBS Recovered – W03
21:52	00:00	OBS Recovery

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

POS                    47 57.0419 N  
                           129 00.4691 W  
 HDG:                 215.15 Deg  
 SPEED:              9.1 Knots

**Weather:**

Winds                SW @ 15 Kts  
 Seas                 6-8'

**Comments**



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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:**

Recovered OBS instruments. Recovered instrument at W01, then high wind speeds and sea state required suspension of operations for 5+ hours. Recommenced recovery, recovering nine remaining instruments. All 68 instruments successfully recovered. Began transit to multibeam targets.

**Next 24 hours**

Multibeam survey over gaps in coverage, proceed to multibeam targets provided by Neptune Canada.

Anthony Johnson