

LINE SUMMARY REPORT
LINE # 2860
SEQ # 1

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2860	Heading	304.4
Pre-plot	MGL15102860	FSP #	863
Sequence	1	FCSP #	863
Type	Prime	LCSP #	5165
Start	2 Jun 2015 @ 20:22	LSP #	5165
End	3 Jun 2015 @ 02:49	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	863	Begin Shooting as per LDEO
LCSP	5165	End of Line SP 5165

General Line Comment

SOL Information:
Water Depth - 52.0m
STW - 4.5 kts
Seas - 2.0m
Winds - 26kts NE

EOL Information:
Water Depth - 27.3m
STW - 4.5 kts
Seas - 2.0m
Winds - 26kts

Positioning Comments

Steering coverage via LDEO
SP 980 2035 - Change Source Selection from Layback to GPS due to crab angle
SP 1150 2055 - Network issues on Trawler Adjusted Poly order from 11 to 17 no change
SP 3354 0035 - Port Tri-point GPS down, not charging, Change tracking point to Port Vane GPS

LINE SUMMARY REPORT
LINE # 1924
SEQ # 2

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1924	Heading	124.4
Pre-plot	MGL15101924	FSP #	5088
Sequence	2	FCSP #	5088
Type	Prime	LCSP #	864
Start	3 Jun 2015 @ 03:55	LSP #	864
End	3 Jun 2015 @ 10:17	Status	Complete

START AND END COMMENTS

	SP#	Comment
FSP	5088	Begin Line 1924
LSP	864	End of Line SP 864

General Line Comment

SOL Information
Water Depth - 26.57m
STW - 4.0 kts

EOL Information:
Water Depth - 57.2m
STW - 4.0 kts

Positioning Comments

Port TRi-Point GPS unit down, Used Port Vane GPS for entire line
04:45 Stbd Vane GPS Status Red but I/O View shows a Corrected GGA String
05:25 Stbd Vane GPS Status Green

LINE SUMMARY REPORT
LINE # 2836
SEQ # 3

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2836	Heading	304.4
Pre-plot	MGL15102836	FSP #	875
Sequence	3	FCSP #	875
Type	Prime	LCSP #	5137
Start	3 Jun 2015 @ 19:38	LSP #	5137
End	4 Jun 2015 @ 01:48	Status	Complete

START AND END COMMENTS

	SP#	Comment
FSP	875	Begin Line
LSP	5137	End Line

General Line Comment

SOL Information:
Water Depth - 52.0m
STW - 4.3 kts
Seas - 1.0m
Winds - 20kts

EOL Information:
Water Depth - 28.0m
STW - 4.3kts
Winds - 20kts
Seas - 1.0m

Positioning Comments

Port Tri-Point GPS down, Use Port Vane entire line
No other significant events during line acquisition.

LINE SUMMARY REPORT
LINE # 1900
SEQ # 4

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1900	Heading	124.4
Pre-plot	MGL15101900	FSP #	5111
Sequence	4	FCSP #	5078
Type	Prime	LCSP #	3989
Start	4 Jun 2015 @ 02:58	LSP #	3828
End	4 Jun 2015 @ 04:51	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FSP	5111	Start of line, not logging, End line
FCSP	5078	Restart of Line, logging correctly, Sequence No. should be 4, logging as 5
LCSP	3989	Port Vane GPS dropped out
LSP	3828	EEOL due to no Port GPS

General Line Comment

SOL Information:
Water Depth - 28.0m
STW - 4.4 kts
Seas - 1.0m
Winds - 17kts

EOL Information:
Water Depth - 28.27m
STW - 4.4 kts
Winds - 17kts
Seas - 2.0

Positioning Comments

Shot Point 4750 Echosounder Down no depth data
Shot Point 4662 Echosounder online – receiving water depth data
Shot Point 3989 Port Vane GPS down
Shot Point 3828 End Line, Repairing both port side GPS units.

LINE SUMMARY REPORT
LINE # 2812
SEQ # 5

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2812	Heading	304.4
Pre-plot	MGL15102812	FSP #	851
Sequence	5	FCSP #	851
Type	Prime	LCSP #	5137
Start	4 Jun 2015 @ 17:40	LSP #	5137
End	4 Jun 2015 @ 23:58	Status	Complete

START AND END COMMENTS

	SP#	Comment
FSP	851	Begin Line
LSP	5137	End Line

General Line Comment

SOL Information
Water Depth - 56.0m
STW - 4.5 kts
Seas - 2.0m
Winds - 25kts NE

EOL Information
Water Depth - 27.98m
STW - 4.4 kts
Seas - 2.0m
Winds - 17kts E

Positioning Comments

All in-water GPS units operating properly.
No significant events during line acquisition

LINE SUMMARY REPORT
LINE # 1900R
SEQ # 6

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1900R	Heading	124.4
Pre-plot	MGL15101900	FSP #	5097
Sequence	6	FCSP #	5097
Type	Reshoot	LCSP #	865
Start	5 Jun 2015 @ 01:07	LSP #	865
End	5 Jun 2015 @ 07:29	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5097	Begin Line
LCSP	865	End Line

General Line Comment

SOL Information
Water Depth - 26.04m
STW - 18 kts
Seas - 1.5m
Winds - 18kts ENE

EOL Information
Water Depth - 53.75m
STW - 4.4 kts
Seas -2m
Winds - 20kts ENE

Positioning Comments

Navigator Double Clicked at SOL - Should be sequence #6
Shot Points 4090 – 4068 Low Pressure on Gun String, 4068 Pressure
Shot Point 4069 – Gun Pressure 2000PSI, Resume shooting
Shot Point 3028 - Vessel offline 140m port. Due to vessel in area
Shot Point 2907 – Vessel back on line

LINE SUMMARY REPORT
LINE # 2788
SEQ # 7

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2788	Heading	304.4
Pre-plot	MGL15102788	FSP #	872
Sequence	7	FCSP #	872
Type	Prime	LCSP #	5137
Start	5 Jun 2015 @ 08:38	LSP #	5137
End	5 Jun 2015 @ 14:54	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	872	Begin Line
LCSP	5137	End Line

General Line Comment

SOL Information
Water Depth - 54.7m
STW - 4.3kts
Seas - 2m
Winds - 18kts NE

EOL Information
Water Depth - 27.45m
STW - 4.5 kts
Seas -2m
Winds - 17kts NE

Positioning Comments

No significant event during acquisition of line

LINE SUMMARY REPORT
LINE # 1876
SEQ # 8

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1876	Heading	124.4
Pre-plot	MGL15101876	FSP #	5109
Sequence	8	FCSP #	5109
Type	Prime	LCSP #	865
Start	5 Jun 2015 @ 12:03	LSP #	865
End	5 Jun 2015 @ 22:28	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5109	Begin Line
LCSP	865	End Line

General Line Comment

SOL Information
Water Depth - 23.61m
STW - 4.4kts
Seas - 1.5m
Winds - 16kts NE

EOL Information
Water Depth - 54.12m
STW - 4.4 kts
Seas -1.5m
Winds - 16kts NE

Positioning Comments

No Significant events during acquisition.

LINE SUMMARY REPORT
LINE # 2764
SEQ # 9

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2764	Heading	304.4
Pre-plot	MGL15102764	FSP #	884
Sequence	9	FCSP #	884
Type	Prime	LCSP #	2924
Start	5 Jun 2015 @ 23:36	LSP #	3311
End	6 Jun 2015 @ 03:11	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FCSP	884	Begin Line
LCSP	2924	Gun Down, continue running line with mitigation gun

General Line Comment

SOL Information
Water Depth - 54.46m
STW - 4.6kts
Seas - 1.5m
Winds - 14kts NE

EOL Information
Water Depth - 31.23m
STW - 3.8kts
Seas - 1.0m
Winds - 11kts NE

Positioning Comments

Shot Point 2924 Gun Problems
Shot Point 3311 Stop Triggering Guns, Continue running down line
Mitigation Gun firing, Crew working to repair gun string 1

LINE SUMMARY REPORT
LINE # 1852
SEQ # 10

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1852	Heading	124.4
Pre-plot	MGL15101852	FSP #	5123
Sequence	10	FCSP #	5123
Type	Prime	LCSP #	865
Start	6 Jun 2015 @ 14:20	LSP #	865
End	6 Jun 2015 @ 20:35	Status	Complete

START AND END COMMENTS

	SP#	Comment
FSP	5123	Begin Line
LSP	865	End Line

General Line Comment

SOL Information
Water Depth - 22.7m
STW - 4.5kts
Seas - 1-2ft
Winds - 3kts W

Shot Point 2180

Water Depth - 27.21m
STW - 3.9kts

EOL Information
Water Depth - 52.7m
STW - 4.3kts
Seas - 0.5m
Winds - 16kts NE

LINE SUMMARY REPORT
LINE # 1852
SEQ # 10

Positioning Comments

1615 - Shot Point 3805 Moving MGL to Starboard to avoid vessel
1625 - Shot Point 3675 offline 280 meters to Starboard to avoid vessel
1635 - Shot Point 3570 offline 600 meters to Starboard to avoid vessel
1645 - Shot Point 3465 offline 940 meters to Starboard to avoid vessel
1655 - Shot Point 3350 offline 1325 meters to Starboard to avoid vessel
1705 - Shot Point 3235_ offline 1694 meters to Starboard to avoid vessel
1715 - Shot Point 3115 offline 2044 meters to Starboard to avoid vessel
1725 - Shot Point 3000 offline 2107 meters to Starboard to avoid vessel, Heading to Line
1735 - Shot Point 3885 offline 1984 meters to Starboard to avoid vessel
1745 - Shot Point 2765 offline 1443 meters to Starboard to avoid vessel
1755 - Shot Point 2655 offline 958 meters to Starboard to avoid vessel
1805 - Shot Point 2550 offline 505 meters to Starboard to avoid vessel
1815 - Shot Point 2435 offline 253 meters to Starboard to avoid vessel
1820 - Shot Point 2380 offline 156 meters to Starboard to avoid vessel
1825 - Shot Point 2320 offline 156 meters to Starboard to avoid vessel
1830 - Shot Point 2270 offline 35 meters to Starboard to avoid vessel
1832 - Shot Point 2240 MGL back on-line, working to stabilize vessel track
1837 - Shot Point 2180 MGL Stabilized LDEO Navigator Resume steering vessel

LINE SUMMARY REPORT
LINE # 2740
SEQ # 11

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2740	Heading	304.4
Pre-plot	MGL15102740	FSP #	885
Sequence	11	FCSP #	885
Type	Prime	LCSP #	5137
Start	6 Jun 2015 @ 21:43	LSP #	5137
End	7 Jun 2015 @ 03:56	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	885	Begin Line
Midnight Shot	2431	Midnight Shot (UTC)
LCSP	5137	End Line

General Line Comment

SOL Information
Water Depth - 53.7m
STW - 4.4kts
Seas - 0.5m
Winds - 11kts NE

EOL Information
Water Depth - 27.54m
STW - 4.4kts
Seas - 0.5m
Winds - 11ktsE

Positioning Comments

Shot Point 3950 Compass 404 stopped transmitting, Remove from solution.
No other significant events occurred during acquisition

LINE SUMMARY REPORT
LINE # 1828
SEQ # 12

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1828	Heading	124.4
Pre-plot	MGL15101828	FSP #	5128
Sequence	12	FCSP #	5128
Type	Prime	LCSP #	865
Start	7 Jun 2015 @ 05:04	LSP #	865
End	7 Jun 2015 @ 11:26	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FCSP	5128	Begin Line
LCSP	865	End of Line

General Line Comment

SOL Information
Water Depth - 23.6m
STW - 4.5kts
Seas - 0.5m
Winds - 9.1kts NE

EOL Information
Water Depth - 53.19m
STW - 4.5kts
Seas - 0.5 - 1m
Winds - 10.1kts NE

Positioning Comments

Shot Point 2820 - Moving MGL to Port to avoid vessel. Auto-pilot off
Shot Point 2707 - 201m Offline, Returning to the line
Shot Point 2523 - Vessel back on-line
Shot Point 2295 - LDEO Navigator in control of auto-pilot

LINE SUMMARY REPORT
LINE # 2716
SEQ # 13

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2716	Heading	304.4
Pre-plot	MGL15102716	FSP #	857
Sequence	13	FCSP #	857
Type	Prime	LCSP #	5137
Start	7 Jun 2015 @ 13:07	LSP #	5137
End	7 Jun 2015 @ 19:40	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	857	Begin Line
LCSP	5137	End Line

General Line Comment

SOL Information
Water Depth - 23.6m
STW - 4.5kts
Seas - 0.5m
Winds - 9.1kts NE

EOL Information
Water Depth - 53.19m
STW - 4.5kts
Seas - 0.5 - 1m
Winds - 10.1kts NE

Positioning Comments

Shot Point 2059 Power down source array due to turtle in area
Shot Point 2125 Resume Full power on source array
Shot Point 4271 Power down source array due to turtle in area
Shot Point 4332 Resume Full power on source array

LINE SUMMARY REPORT
LINE # 1924R
SEQ # 14

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1924R	Heading	124.4
Pre-plot	MGL15101924	FSP #	5110
Sequence	14	FCSP #	5110
Type	Reshoot	LCSP #	865
Start	7 Jun 2015 @ 20:44	LSP #	865
End	8 Jun 2015 @ 03:30	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5110	Begin Line
Midnight SP	2957	Midnight UTC
LCSP	865	End Line

General Line Comment

SOL Information
Water Depth - 23.m
STW - 4.4kts
Seas - 0.5m
Winds - 4kts ESE

EOL Information
Water Depth - 54.m
STW - 4.5kts
Seas - 0.5m
Winds - 11kts ESE

Positioning Comments

Shot Point 4994 Reduce Source power due to Turtle in area
Shot Point 4925 Resume full power on Source array

This line was shot as Sequence 15, Change to Sequence 14 when processed. RS

LINE SUMMARY REPORT
LINE # 2692
SEQ # 15

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2692	Heading	304.4
Pre-plot	MGL15102692	FSP #	866
Sequence	15	FCSP #	886
Type	Prime	LCSP #	2775
Start	8 Jun 2015 @ 04:31	LSP #	2987
End	8 Jun 2015 @ 07:52	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FCSP	886	Observer now on external
LCSP	2775	Dropped to 160 Channels

General Line Comment

SOL Information
Water Depth - 54.3m
STW - 4.5kts
Seas - 0.5m
Winds - 4.7kts SE

EOL Information
Water Depth - 27.2m
STW - 3.9kts
Seas - 0.5m
Winds - 10.2kts SSE

Positioning Comments

Shot Points 2777 – 2981 Streamers 19-24 out Processor to remove shots in processing
End Line to repair P-Cable system

LINE SUMMARY REPORT
LINE # 2668
SEQ # 16

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2668	Heading	304.4
Pre-plot	MGL15102668	FSP #	876
Sequence	16	FCSP #	876
Type	Prime	LCSP #	5137
Start	8 Jun 2015 @ 20:30	LSP #	5137
End	9 Jun 2015 @ 03:01	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FCSP	876	Begin Line
LCSP	5137	End Line

General Line Comment

SOL Information
Water Depth - 53.9m
STW - 4.5kts
Seas - 0.5m
Winds - 16kts S

EOL Information
Water Depth - 27.7m
STW - 4.0kts
Seas - 0.5m
Winds - 16kts S

Positioning Comments

Shot Points 1547 - 1813 Streamers 21-24 not operational and GeoEel system was rebooted.

LINE SUMMARY REPORT
LINE # 1804
SEQ # 17

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1804	Heading	124.4
Pre-plot	MGL15101804	FSP #	5028
Sequence	17	FCSP #	5028
Type	Prime	LCSP #	865
Start	9 Jun 2015 @ 04:17	LSP #	865
End	9 Jun 2015 @ 10:40	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5028	Begin Line
LCSP	865	End of Line

General Line Comment

SOL Information
Water Depth - 26.5m
STW - 4.2kts
Seas - 1-2m
Winds - 12.4kts W

EOL Information
Water Depth - 53.8m
STW - 4.3kts
Seas - 1-2m
Winds - 23.2kts SW

Positioning Comments

Shot Point 1550 Starboard Vane GPS lost corrections.
Shot Point 1538 GPS corrections stabilized

LINE SUMMARY REPORT
LINE # 2644
SEQ # 18

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2644	Heading	304.4
Pre-plot	MGL15102644	FSP #	890
Sequence	18	FCSP #	
Type	Prime	LCSP #	
Start	9 Jun 2015 @ 11:47	LSP #	5137
End	9 Jun 2015 @ 18:12	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	890	Begin Line
LCSP	5137	End of Line

General Line Comment

SOL Information
Water Depth - 54.3m
STW - 4.5kts
Seas - 0.5m
Winds - 20.8kts SSW

EOL Information
Water Depth - 27.0m
STW - 4.3kts
Seas - 1.0m
Winds - 16kts S

Positioning Comments

0831 SP#1376 Missed Shot
No other significant events during acquisition

LINE SUMMARY REPORT
LINE # 1780
SEQ # 19

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1780	Heading	124.4
Pre-plot	MGL15101780	FSP #	4529
Sequence	19	FCSP #	1248
Type	Prime	LCSP #	960
Start	9 Jun 2015 @ 20:17	LSP #	960
End	10 Jun 2015 @ 01:34	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FSP	4529	Shoot 2D only
FCSP	1248	Begin P-Cable data acquisition
LCSP	960	End Line

General Line Comment

SOL Information
Water Depth - 26.9m
STW - 4.3kts
Seas - 1.5m
Winds - 16kts SSW

EOL Information
Water Depth - 54.0m
STW - 4.3kts
Seas - 1.0m
Winds - 16kts SW

Positioning Comments

As Per LDEO begin shooting at Shot Point 4529 2D only, P-Cable system down
Shot Point 2718 - 2255 Loss of Air Pressure, firing Mitigation Gun
Shot Point 2681 - 2258 Air Pressure Stable resume firing Gun String
Shot Point 2072 - 2353 Air Pressure Problems, Shut Down Guns, Mitigation gun to fire manually every 7 minutes.
Shot Point 1929 -0006 Resume Shooting Full gun array
Shot Point 1248 - 0108 GeoEel System operational.

LINE SUMMARY REPORT
LINE # 2620
SEQ # 20

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2620	Heading	304.4
Pre-plot	MGL15102620	FSP #	878
Sequence	20	FCSP #	878
Type	Prime	LCSP #	5137
Start	10 Jun 2015 @ 02:48	LSP #	5137
End	10 Jun 2015 @ 09:24	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	878	Begin Line
LCSP	5137	End Line

General Line Comment

SOL Information
Water Depth - 53.1m
STW - 4.6kts
Seas - 1.0m
Winds - 17kts SW

EOL Information
Water Depth - 26.4m
STW - 4.1kts
Seas - 0.5m
Winds - 6.5kts WSW

Positioning Comments

Shot Point 4181 Streamer 21 dropped out
Shot Point 4331 Streamer 21 removed from GeoEel system

LINE SUMMARY REPORT
LINE # 1780 R
SEQ # 21

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1780 R	Heading	124.4
Pre-plot	MGL15101780	FSP #	5109
Sequence	21	FCSP #	5109
Type	Reshoot	LCSP #	865
Start	10 Jun 2015 @ 10:30	LSP #	865
End	10 Jun 2015 @ 17:13	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5109	Begin Line
LCSP	865	End of Line

General Line Comment

SOL Information
Water Depth - 23.4m
STW - 4.6kts
Seas - 0.5m
Winds - 5.1kts NW

EOL Information
Water Depth - 54.2m
STW - 4.4kts
Seas - 0.5m
Winds - 5.0kts WSW

Positioning Comments

Shot Point 4665 No Water Depth data due to BIST (Basic Installation System Test) testing.
Shot Point 4585 Echosounder operating properly, receiving data.
Shot Point 2617 Power down due to turtle in area.
Shot Point 2563 Resume full source power.

LINE SUMMARY REPORT
LINE # 2596
SEQ # 22

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2596	Heading	304.4
Pre-plot	MGL15102596	FSP #	879
Sequence	22	FCSP #	879
Type	Prime	LCSP #	5137
Start	10 Jun 2015 @ 18:21	LSP #	5137
End	11 Jun 2015 @ 01:06	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	879	Begin Line
Midnight SP	4438	Midnight Shot
LCSP	5137	End Line

General Line Comment

SOL Information
Water Depth - 56.1m
STW - 4.0kts
Seas - 0.5m
Winds - 7kts SW

EOL Information
Water Depth - 25.7m
STW - 4.3kts
Seas - 1.0m
Winds - 17kts SW

Positioning Comments

Shot Point 1764 - 1947 Power down source, Turtle in area
Shot Point 1823 - 1953 Power up Source, clear to resume shooting
No other significant events during data acquisition

LINE SUMMARY REPORT
LINE # 1756
SEQ # 23

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1756	Heading	124.4
Pre-plot	MGL15101756	FSP #	5129
Sequence	23	FCSP #	5129
Type	Prime	LCSP #	865
Start	11 Jun 2015 @ 02:12	LSP #	865
End	11 Jun 2015 @ 09:01	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5129	Begin Line
Midnight SP	4023	Midnight Shot (UTC)
LCSP	865	End of Line

General Line Comment

SOL Information
Water Depth - 22.9m
STW - 4.3kts
Seas - 0.5m
Winds - 13kts SW

EOL Information
Water Depth - 53.9m
STW - 4.5kts
Seas - 0.5m
Winds - 13.9kts SW

Positioning Comments

Shot Point 4332 - Streamer 21 Down, GeoEel System Reset.
Shot Point 4249 - P-Cable System up
Shot Point 3574 - Streamer 21 Down, GeoEel System Reset.
Shot Point 3500 - P-Cable System up
Shot Point 3126 - Streamer 21 Down, GeoEel System Reset.
Shot Point 3070 - P-Cable System up
Shot Point 2801 - Streamer 21 Down, GeoEel System Reset.
Shot Point 2727 - P-Cable System up

LINE SUMMARY REPORT
LINE # 2668 R
SEQ # 24

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2668 R	Heading	304.4
Pre-plot	MGL15102668	FSP #	1503
Sequence	24	FCSP #	1503
Type	Reshoot	LCSP #	5137
Start	11 Jun 2015 @ 14:51	LSP #	5137
End	11 Jun 2015 @ 20:14	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	1503	Begin Line
LCSP	5137	End Line

General Line Comment

SOL Information
Water Depth - 37.1m
STW - 3.4kts
Seas - 0.5m
Winds - 16.4kts SSW

EOL Information
Water Depth - 53.9m
STW - 4.5kts
Seas - 0.5m
Winds - 13.9kts SW

Positioning Comments

Sections of the line were Re-shoot and Infill
No significant events occurred during line acquisition

LINE SUMMARY REPORT
LINE # 1732
SEQ # 25

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1732	Heading	124.4
Pre-plot	MGL15101732	FSP #	5125
Sequence	25	FCSP #	5125
Type	Prime	LCSP #	865
Start	11 Jun 2015 @ 21:30	LSP #	865
End	12 Jun 2015 @ 03:45	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5125	Begin Line
Midnight SP	3395	Midnight Shot (UTC)
LCSP	865	End Line

General Line Comment

SOL Information
Water Depth - 23.48m
STW - 4.5kts
Seas - 1.0m
Winds - 15.0kts S

EOL Information
Water Depth - 53.9m
STW - 4.5kts
Seas - 1.0m
Winds - 16kts SW

Positioning Comments

Shot Point 1350 - Starboard Vane GPS stopped transmitting, battery dead, not charging
No other significant events during data acquisition for sequence

LINE SUMMARY REPORT
LINE # 2860R
SEQ # 26

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2860R	Heading	304.4
Pre-plot	MGL15102860	FSP #	854
Sequence	26	FCSP #	854
Type	Reshoot	LCSP #	5137
Start	12 Jun 2015 @ 05:48	LSP #	5137
End	12 Jun 2015 @ 12:17	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	854	Begin Line
LCSP	5137	End of Line

General Line Comment

SOL Information
Water Depth -58.3m
STW - 4.2kts
Seas - 0.5-1m
Winds - 14.7kts SW

EOL Information
Water Depth - 27.2m
STW - 4.4kts
Seas - 0.5-1m
Winds - 2kts SW

Positioning Comments

Starboard Vane GPS Non-Operational
Shot Point 1201 Compressor lost power, switch to mitigation gun
Shot Point 1284 Resume full power on Source array
Shot Point 2403 Power down compressor, switching compressors
Shot Point 2535 Resume full power on Source array

LINE SUMMARY REPORT
LINE # 1708
SEQ # 27

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1708	Heading	124.4
Pre-plot	MGL15101708	FSP #	5147
Sequence	27	FCSP #	5147
Type	Prime	LCSP #	865
Start	12 Jun 2015 @ 13:42	LSP #	865
End	12 June 2015 @ 20:18	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5147	Begin Line
LCSP	865	End Line

General Line Comment

SOL Information
Water Depth -58.3m
STW - 4.2kts
Seas - 0.5-1m
Winds - 14.7kts SW

EOL Information
Water Depth - 27.2m
STW - 4.4kts
Seas - 0.5-1m
Winds - 2kts SW

Positioning Comments

Starboard Vane GPS Non-operational
Shot Point 2368 Reduce Power on gun array due to turtle in area
Shot Point 2304 Resume full power on gun array
Shot Point 1699 Streamer Compass No. 19 not operating properly removed from solution

LINE SUMMARY REPORT
LINE # 2572
SEQ # 28

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2572	Heading	304.4
Pre-plot	MGL15102572	FSP #	875
Sequence	28	FCSP #	2774
Type	Prime	LCSP #	5137
Start	12 Jun 2015 @ 21:25	LSP #	5137
End	13 Jun 2015 @ 04:08	Status	Complete

START AND END COMMENTS

	SP#	Comment
FSP	875	Begin Line
Midnight SP	2521	Midnight Shot (UTC)
FCSP	2774	Due to GeoEel issues Begin Line
LCSP	5137	End of Line

General Line Comment

SOL Information
Water Depth -55.7m
STW - 4.4kts
Seas - 1.0m
Winds - 19kts SW

EOL Information
Water Depth - 25.1m
STW - 4.1kts
Seas - 0.5-1m
Winds - 21.3kts SSW

Positioning Comments

Shot Point 1477 Power down gun array due to whale sighting.
Shot Point 1795 Resume full power on gun array.
Shot Point 2774 Due to GeoEel Issues Begin Line

LINE SUMMARY REPORT
LINE # 1852 I
SEQ # 29

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1852 I	Heading	124.4
Pre-plot	MGL15101852	FSP #	5129
Sequence	29	FCSP #	5129
Type	Infill	LCSP #	1944
Start	13 Jun 2015 @ 05:09	LSP #	1944
End	13 Jun 2015 @ 10:17	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5129	Begin Line
LCSP	1944	End of Line

General Line Comment

SOL Information
Water Depth -21.2m
STW - 4.3kts
Seas - 1.0m
Winds - 17.1kts SSW

EOL Information
Water Depth - 27.9m
STW - 4.3kts
Seas - 1m
Winds - 13.4kts WSW

Positioning Comments

No significant event during acquisition of line

LINE SUMMARY REPORT
LINE # 2692 R
SEQ # 30

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2692 R	Heading	304.4
Pre-plot	MGL15102692	FSP #	1914
Sequence	30	FCSP #	1914
Type	Reshoot	LCSP #	5139
Start	13 Jun 2015 @ 11:23	LSP #	5139
End	13 Jun 2015 @ 16:35	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	1914	Begin Line
LCSP	5139	End Line

General Line Comment

SOL Information
Water Depth -36.7m
STW - 4.3kts
Seas - 1.0m
Winds - 13.9kts W

EOL Information
Water Depth - 25.7m
STW - 4.3kts
Seas - 0.5m
Winds - 12.0kts N

Positioning Comments

Shot Point 3718 Power Down guns due to PSO sighting
Shot Point 4185 Resume full power on source array
Shot Point 4626 Power Down guns due to PSO sighting
Shot Point 5004 Resume full power on source array

LINE SUMMARY REPORT
LINE # 1684
SEQ # 31

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1684	Heading	124.4
Pre-plot	MGL15101684	FSP #	5125
Sequence	31	FCSP #	5125
Type	Prime	LCSP #	865
Start	13 Jun 2015 @ 17:48	LSP #	865
End	13 Jun 2015 @ 00:19	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5125	Begin Line
Midnight SP	1085	Midnight Shot Point (UTC)
LCSP	865	End Line

General Line Comment

SOL Information
Water Depth 23.0m
STW - 4.3kts
Seas - 0.5m
Winds - 13.5kts N

EOL Information
Water Depth - 52.9m
STW - 4.2kts
Seas - 1.0m
Winds - 10kts E

Positioning Comments

No significant events during data acquisition

LINE SUMMARY REPORT
LINE # 2548
SEQ # 32

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2548	Heading	304.4
Pre-plot	MGL15102548	FSP #	885
Sequence	32	FCSP #	885
Type	Prime	LCSP #	5137
Start	14 Jun 2015 @ 01:26	LSP #	5137
End	14 Jun 2015 @ 07:47	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	885	Begin Line
LCSP	5137	End of Line

General Line Comment

SOL Information
Water Depth 54.0m
STW - 4.4kts
Seas - 1.0m
Winds - 7.5kts ESE

EOL Information
Water Depth - 25.6m
STW - 4.3kts
Seas - 0.5m
Winds - 4.1kts SSW

Positioning Comments

Double clicked on active button, Change Sequence No. 33 to Sequence No. 32 when processing
No significant events during data acquisition

LINE SUMMARY REPORT
LINE # 1660
SEQ # 33

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1660	Heading	124.4
Pre-plot	MGL15101660	FSP #	5145
Sequence	33	FCSP #	5145
Type	Prime	LCSP #	911
Start	14 Jun 2015 @ 08:54	LSP #	911
End	14 Jun 2015 @ 15:18	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FCSP	5145	Begin Line
LCSP	911	End of Line

General Line Comment

SOL Information
Water Depth 22.7m
STW - 4.4kts
Seas - 0.5m
Winds - 2.5kts SW

EOL Information
Water Depth - 52.2m
STW - 4.5kts
Seas - 0.5m
Winds - 5.5kts NE

Positioning Comments

Shot Point No. 4144 PSO Required Shut-down; Guns Powered Down
Shot Point No. 3661 Begin Ramp-up
Shot Point No. 3349 Back to Full Volume
Shot Point No. 2946 P-cable Computer Locked up
Shot Point No. 2405 Due to GeoEel System lockup, Restart NavPoint Trawler
Shot Point No. 2377 P-cable Computer back online
Shot Point No. 2074 PSO Required Shut-down; Guns Powered Down
Shot Point No. 1976 Back to Full Volume
Shot Point No. 1690 PSO Required Shut-down; Guns Powered Down
Shot Point No. 1614 Back to Full Volume

LINE SUMMARY REPORT
LINE # 1660
SEQ # 33

Shot Point No. 1600 P-cable Computer Locked up
Shot Point No. 1409 Due to GeoEel System lockup, Restart NavPoint Trawler
Shot Point No. 1376 PSO Required Shut-down; Guns Powered Down
Shot Point No. 1348 P-cable Computer back online
Shot Point No. 1293 Back to Full Volume
Shot Point No. 1234 PSO Required Shut-down; Guns Powered Down
Shot Point No. 1172 Back to Full Volume
Shot Point No. 970 PSO Required Shut-down; Guns Powered Down
Shot Point No. 911 End of Line Clear to resume full power

** As per Robert Steinhaus DNP Shot Points 1690 through 911 **

LINE SUMMARY REPORT
LINE # 2572R
SEQ # 34

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2572R	Heading	304.4
Pre-plot	MGL15102572	FSP #	961
Sequence	34	FCSP #	961
Type	Reshoot	LCSP #	5137
Start	14 Jun 2015 @ 16:45	LSP #	5137
End	14 Jun 2015 @ 22:52	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	961	Begin Line
LCSP	5137	End Line

General Line Comment

SOL Information
Water Depth 51.1m
STW - 3.3kts
Seas - 0.5m
Winds - 3.9kts ESE

EOL Information
Water Depth - 27.2m
STW - 4.3kts
Seas - 0.5m
Winds - 13.0kts SSE

Positioning Comments

Shot Point No. 1239 PSO Required Shutdown; Guns Powered Down
Shot Point No. 1330 Back to Full Volume
Shot Point No. 1435 PSO Required Shutdown; Guns Powered Down
Shot Point No. 1581 Back to Full Volume
Shot Point No. 1773 PSO Required Shutdown; Guns Powered Down
Shot Point No. 1918 Back to Full Volume
Shot Point No. 2482 PSO Required Shutdown; Guns Powered Down
Shot Point No. 2620 Back to Full Volume
Shot Point No. 2864 PSO Required Shutdown; Guns Powered Down
Shot Point No. 5137 Back to Full Volume

LINE SUMMARY REPORT
LINE # 1636
SEQ # 35

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1636	Heading	124.4
Pre-plot	MGL15101636	FSP #	5130
Sequence	35	FCSP #	5130
Type	Prime	LCSP #	865
Start	15 Jun 2015 @ 00:08	LSP #	865
End	15 Jun 2015 @ 06:25	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5130	Begin Line
LCSP	865	End of Line

General Line Comment

SOL Information
Water Depth 25.2m
STW - 4.0kts
Seas - 0.5m
Winds - 10.3kts ESE

EOL Information
Water Depth - 53.9m
STW - 4.3kts
Seas - 0m
Winds - 8.5kts SE

Positioning Comments

No Significant Events during line acquisition

LINE SUMMARY REPORT
LINE # 2524
SEQ # 36

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2524	Heading	304.4
Pre-plot	MGL15102524	FSP #	860
Sequence	36	FCSP #	860
Type	Prime	LCSP #	5137
Start	15 Jun 2015 @ 07:32	LSP #	5137
End	15 Jun 2015 @ 10:02	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	860	Begin Line
LCSP	5137	End of Line

General Line Comment

SOL Information
Water Depth 54.5m
STW - 4.5kts
Winds - 5.3kts SE
Seas - 0.5m

EOL Information
Water Depth - 25.4m
STW - 4.1kts
Winds - 18.3kts SSW
Seas - 0.5m

Positioning Comments

No Significant Events during line acquisition

LINE SUMMARY REPORT
LINE # 1612
SEQ # 37

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1612	Heading	124.4
Pre-plot	MGL15101612	FSP #	5142
Sequence	37	FCSP #	5142
Type	Prime	LCSP #	865
Start	15 Jun 2015 @ 15:10	LSP #	865
End	15 Jun 2015 @ 22:08	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5142	Begin Line
LCSP	865	End Line

General Line Comment

SOL Information
Water Depth 22.4m
STW - 4.5kts
Winds - 12.6kts SSW
Seas - 0.5m

EOL Information
Water Depth - 54.4m
STW - 4.5kts
Winds - 10.3kts SSW
Seas - 1.0m

Positioning Comments

Shot Point No. 4504 Streamer Compass 1 erratic, Remove from Solution.
Shot Point No. 1671 GPS Spike Check during processing

LINE SUMMARY REPORT
LINE # 2500
SEQ # 38

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2500	Heading	304.4
Pre-plot	MGL15102500	FSP #	872
Sequence	38	FCSP #	872
Type	Prime	LCSP #	5137
Start	15 Jun 2015 @ 23:16	LSP #	5137
End	16 Jun 2015 @ 06:25	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	872	Begin Line
Midnight SP	1361	Midnight Shot
LCSP	5137	End of Line

General Line Comment

SOL Information
Water Depth 55.9m
STW - 4.4kts
Winds - 6.4kts S
Seas - 1.0m

EOL Information
Water Depth - 24.8m
STW - 4.5kts
Winds - 9.3kts NNE
Seas - 0m

Positioning Comments

Shot Point 1078 No shot, missing shot point, gun did not fire.
Shot Point 3007 Source misfiring, firing mitigation gun.
Shot Point 3701 Resume seismic data acquisition

LINE SUMMARY REPORT
LINE # 1588
SEQ # 39

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1588	Heading	124.4
Pre-plot	MGL15101588	FSP #	5147
Sequence	39	FCSP #	5147
Type	Prime	LCSP #	865
Start	16 Jun 2015 @ 07:33	LSP #	865
End	16 Jun 2015 @ 14:08	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5147	Begin Line
LCSP	865	End of Line

General Line Comment

SOL Information
Water Depth 22.0m
STW - 4.5kts
Winds - 14.8kts NNE
Seas - 0.5m

EOL Information
Water Depth - 53.5m
STW - 4.5kts
Winds - 0kts
Seas - 0.5m

Positioning Comments

Shot Point 1077 - PSO Required Power down
Shot Point 1014 - Resume Full Power on source array

LINE SUMMARY REPORT
LINE # 2476
SEQ # 40

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2476	Heading	304.4
Pre-plot	MGL15102476	FSP #	858
Sequence	40	FCSP #	858
Type	Prime	LCSP #	5137
Start	16 Jun 2015 @ 15:57	LSP #	5137
End	16 Jun 2015 @ 22:13	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	858	Begin Line
LCSP	5137	End Line

General Line Comment

SOL Information
Water Depth 53.4m
STW - 4.5kts
Winds - 8.0kts S
Seas - 0.5m

EOL Information
Water Depth - 25.8m
STW - 4.2kts
Winds - 20.3kts SW
Seas - 1.0m

Positioning Comments

Shot Point 2002 PSO required shut-down
Shot Point 2075 Resume full power on source array

LINE SUMMARY REPORT
LINE # 1564
SEQ # 41

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1564	Heading	124.4
Pre-plot	MGL15101564	FSP #	5102
Sequence	41	FCSP #	5102
Type	Prime	LCSP #	865
Start	16 Jun 2015 @ 23:23	LSP #	865
End	17 Jun 2015 @ 05:32	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5102	Begin Line
Midnight SP	4702	Midnight SP#1920
LCSP	865	End of Line

General Line Comment

SOL Information
Water Depth 53.4m
STW - 4.5kts
Winds - 8.0kts S
Seas - 0.5m

EOL Information
Water Depth - 54.7m
STW - 4.4kts
Winds - 8.8kts NW
Seas - 0.5m

Positioning Comments

No significant events during data acquisition

LINE SUMMARY REPORT
LINE # 2452
SEQ # 42

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2452	Heading	304.4
Pre-plot	MGL15102452	FSP #	857
Sequence	42	FCSP #	857
Type	Prime	LCSP #	5137
Start	17 Jun 2015 @ 06:40	LSP #	5137
End	17 Jun 2015 @ 13:01	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	857	Begin Line
LCSP	5137	End of line

General Line Comment

SOL Information
Water Depth 53.8m
STW - 4.4kts
Winds - 11.5kts NW
Seas - 0.5m

EOL Information
Water Depth - 25.5m
STW - 4.4kts
Winds - 12.2kts NNE
Seas - 0.5m

Positioning Comments

No significant events during data acquisition

LINE SUMMARY REPORT
LINE # 1540
SEQ # 43

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1540	Heading	124.4
Pre-plot	MGL15101540	FSP #	5140
Sequence	43	FCSP #	5140
Type	Prime	LCSP #	1291
Start	17 Jun 2015 @ 14:09	LSP #	865
End	17 Jun 2015 @ 20:31	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5140	Begin Line
LCSP	1291	Due to Source issues LGSP
LSP	865	End Line

General Line Comment

SOL Information
Water Depth 23.2m
STW - 4.4kts
Winds - 20.1kts NNE
Seas - 0.5m

EOL Information
Water Depth - 55.9m
STW - 4.3kts
Winds - 15.0kts ENE
Seas - 1.0m

Positioning Comments

After starting Sequence No. 44 it was determined that one of the guns were firing incorrectly. Due to the above mentioned issue, Shot Points 1290-865 DNP

LINE SUMMARY REPORT
LINE # 2428
SEQ # 44

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2428	Heading	304.4
Pre-plot	MGL15102428	FSP #	863
Sequence	44	FCSP #	2413
Type	Prime	LCSP #	5137
Start	17 Jun 2015 @ 21:41	LSP #	5137
End	18 Jun 2015 @ 00:06	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FSP	863	Begin Line
FCSP	2413	First Good Shot Point for Line
Midnight SP	5071	Midnight Shot (UTC)
LCSP	5137	End of Line

General Line Comment

SOL Information
Water Depth 53.6m
STW - 4.3kts
Winds - 12.6kts E
Seas - 1.0m

EOL Information
Water Depth - 25.4m
STW - 4.1kts
Winds - 9.2kts ESE
Seas - 0.5m

Positioning Comments

Source - one of the guns were firing incorrectly 863 - 2412 DNP as per R. Steinhaus.

LINE SUMMARY REPORT
LINE # 1516
SEQ # 45

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1516	Heading	124.4
Pre-plot	MGL15101516	FSP #	5147
Sequence	45	FCSP #	5147
Type	Prime	LCSP #	865
Start	18 Jun 2015 @ 01:24	LSP #	865
End	18 Jun 2015 @ 08:10	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5147	Begin Line
LCSP	865	End of Line

General Line Comment

SOL Information
Water Depth 22.6m
STW - 4.5kts
Winds - 8.2kts ESE
Seas - 0.5m

EOL Information
Water Depth - 55.2m
STW - 4.3kts
Winds - 6.8kts SE
Seas - 0.5-1m

Positioning Comments

No significant events during data acquisition

LINE SUMMARY REPORT
LINE # 2404
SEQ # 46

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2404	Heading	304.4
Pre-plot	MGL15102404	FSP #	856
Sequence	46	FCSP #	856
Type	Prime	LCSP #	5137
Start	18 Jun 2015 @ 09:16	LSP #	5137
End	18 Jun 2015 @ 20:09	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	856	Begin Line
LCSP	5137	End Line

General Line Comment

SOL Information
Water Depth 54.6m
STW - 4.5kts
Winds - 4.8kts E
Seas - 0.5-1m

EOL Information
Water Depth - 24.7m
STW - 4.6kts
Winds - 11.5kts ESE
Seas - 1.0m

Positioning Comments

Shot Point 3586 Source Malfunction
Shot Point 3597 Source Operating Properly

LINE SUMMARY REPORT
LINE # 1756-I
SEQ # 47

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1756-I	Heading	124.4
Pre-plot	MGL15101756	FSP #	5136
Sequence	47	FCSP #	5136
Type	Infill	LCSP #	4906
Start	18 Jun 2015 @ 22:01	LSP #	4816
End	18 Jun 2015 @ 22:33	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FCSP	5136	Begin Line
LCSP	4906	Streamer dropped out
LSP	4816	Stopped due to P-cable issues

General Line Comment

SOL Information
Water Depth 22.5m
STW - 4.4kts
Winds - 12.0kts ESE
Seas - 1.0m

EOL Information
Water Depth - 28.7m
STW - ____kts
Winds - ____kts ____
Seas - ____m

Positioning Comments

Shot Point 5073 GPS Spike
Shot Point 4906 P-Cable Leakage
Shot Point 4816 End Line

LINE SUMMARY REPORT
LINE # 1756 J
SEQ # 48

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1756 J	Heading	124.4
Pre-plot	MGL15101756	FSP #	1654
Sequence	48	FCSP #	1654
Type	Infill	LCSP #	865
Start	19 Jun 2015 @ 04:07	LSP #	865
End	19 Jun 2015 @ 05:15	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FCSP	1654	Begin Line
LCSP	865	End of Line

General Line Comment

SOL Information
Water Depth 37.9m
STW - 4.5kts
Winds - 9.2kts SE
Seas - 0.5m

EOL Information
Water Depth - 55.5m
STW - 4.3kts
Winds - 7.5kts SE
Seas - 0.5m

Positioning Comments

No significant events during data acquisition

LINE SUMMARY REPORT
LINE # 2572 S
SEQ # 49

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2572 S	Heading	304.4
Pre-plot	MGL15102572	FSP #	860
Sequence	49	FCSP #	860
Type	Reshoot	LCSP #	3701
Start	18 Jun 2015 @ 06:24	LSP #	3701
End	19 Jun 2015 @ 10:45	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	860	Begin Line
LCSP	3701	End of Line

General Line Comment

SOL Information
Water Depth 53.9m
STW - 4.7kts
Winds - 9.0kts SE
Seas - 1.0m

EOL Information
Water Depth - 32.1m
STW - 4.3kts
Winds - 3.7kts W
Seas - 1.0m

Positioning Comments

No significant events during data acquisition

LINE SUMMARY REPORT
LINE # 1900 I
SEQ # 50

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1900 I	Heading	124.4
Pre-plot	MGL15101900	FSP #	3885
Sequence	50	FCSP #	3885
Type	Infill	LCSP #	865
Start	19 Jun 2015 @ 12:51	LSP #	865
End	19 Jun 2015 @ 17:19	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	3885	Begin Line
LCSP	865	End Line

General Line Comment

SOL Information
Water Depth 31.2m
STW - 4.4kts
Winds - 7.1kts WSW
Seas - 1.0m

EOL Information
Water Depth - 53.5m
STW - 4.3kts
Winds - 6.8kts W
Seas - 0.5_m

Positioning Comments

09:32-09:37 SP#2443-#3386 PSO Required Shutdown
Shot Point 1231 PSO Required Shutdown
Shot Point 1162 Resume full volume on source
Shot Point 935 GPS Spike

LINE SUMMARY REPORT
LINE # 2380
SEQ # 51

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2380	Heading	304.4
Pre-plot	MGL15102380	FSP #	874
Sequence	51	FCSP #	874
Type	Prime	LCSP #	3356
Start	19 Jun 2015 @ 18:22	LSP #	3503
End	19 Jun 2015 @ 22:19	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FCSP	874	Begin Line
LCSP	3356	LGSP P-Cable down
LSP	3503	End Line

General Line Comment

SOL Information
Water Depth 54.1m
STW - 4.4kts
Winds - 5.3kts W
Seas - 0.5m

EOL Information
Water Depth - 28.6m
STW - 4.3kts
Winds - 10kts SW
Seas - 0.5m

Positioning Comments

Shot Point 1410 PSO Required Shutdown
Shot Point 1490 Resume full power on source
Shot Point 3356 P-Cable down
Shot Point 3503 End Line to Pick up P-Cable

LINE SUMMARY REPORT
LINE # 1660-S
SEQ # 52

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1660-S	Heading	124.4
Pre-plot	MGL15101660	FSP #	2978
Sequence	52	FCSP #	2978
Type	Infill	LCSP #	865
Start	20 Jun 2015 @ 03:41	LSP #	865
End	20 Jun 2015 @ 06:44	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	2978	Begin Line
LCSP	865	End of Line

General Line Comment

SOL Information
Water Depth 30.1m
STW - 3.1kts
Winds - 4.0kts E
Seas - 0.5m

EOL Information
Water Depth - 54.7m
STW - 4.5kts
Winds - 4.1kts SE
Seas - 1.0m

Positioning Comments

Shot Point 2818 GPS Spike
No other significant events occurred during data acquisition

LINE SUMMARY REPORT
LINE # 2356
SEQ # 53

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2356	Heading	304.4
Pre-plot	MGL15102356	FSP #	860
Sequence	53	FCSP #	860
Type	Prime	LCSP #	5137
Start	20 Jun 2015 @ 07:46	LSP #	5137
End	20 Jun 2015 @ 14:09	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	860	Begin Line
LCSP	5137	End of Line

General Line Comment

SOL Information
Water Depth 53.4m
STW - 4.5kts
Winds - 5.3kts ESE
Seas - 1.0m

EOL Information
Water Depth - 25.8m
STW - 4.3kts
Winds - 13.1kts ESE
Seas - 0.5-1.0m

Positioning Comments

Shot Point 2241 PSO Required Shutdown
Shot Point 2303 Resume full power on source

LINE SUMMARY REPORT
LINE # 1492
SEQ # 54

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1492	Heading	124.4
Pre-plot	MGL15101492	FSP #	5148
Sequence	54	FCSP #	5148
Type	Prime	LCSP #	865
Start	20 Jun 2015 @ 15:14	LSP #	865
End	20 Jun 2015 @ 21:28	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5148	Begin Line
LCSP	865	End Line

General Line Comment

SOL Information
Water Depth 23.1m
STW - 4.4kts
Winds - 11.0kts E
Seas - 0.5-1.0m

EOL Information
Water Depth - 54.7m
STW - 4.2kts
Winds - 8.0kts SE
Seas - 0.5m

Positioning Comments

No significant events occurred during data acquisition

LINE SUMMARY REPORT
LINE # 1492
SEQ # 54

LINE SUMMARY REPORT
LINE # 2332
SEQ # 55

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2332	Heading	304.4
Pre-plot	MGL15102332	FSP #	871
Sequence	55	FCSP #	871
Type	Prime	LCSP #	5137
Start	20 Jun 2015 @ 22:35	LSP #	5137
End	21 Jun 2015 @ 04:51	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	871	Begin Line
Midnight SP	1852	Midnight Shot (UTC)
LCSP	5137	End of Line

General Line Comment

SOL Information
Water Depth 53.5m
STW - 4.5kts
Winds - 4.5kts SE
Seas - 0.5m

EOL Information
Water Depth - 25.5m
STW - 4.5kts
Winds - 5.5kts SE
Seas - 0.5m

Positioning Comments

No Significant Events during line acquisition

LINE SUMMARY REPORT
LINE # 1468
SEQ # 56

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1468	Heading	124.4
Pre-plot	MGL15101468	FSP #	5138
Sequence	56	FCSP #	5138
Type	Prime	LCSP #	865
Start	21 Jun 2015 @ 05:57	LSP #	865
End	21 Jun 2015 @ 12:26	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5138	Begin Line
LCSP	865	End of Line

General Line Comment

SOL Information
Water Depth 23.1m
STW - 4.5kts
Winds - 16.1kts SE
Seas - 1.0m

EOL Information
Water Depth - 56.7m
STW - 4.3kts
Winds - 14.0kts SE
Seas - 1.5m

Positioning Comments

03:55 Due to high winds, 20-30kts, Bridge has auto-pilot control.

LINE SUMMARY REPORT
LINE # 2308
SEQ # 57

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2308	Heading	304.4
Pre-plot	MGL15102308	FSP #	865
Sequence	57	FCSP #	865
Type	Prime	LCSP #	5137
Start	21 Jun 2015 @ 13:27	LSP #	5137
End	21 Jun 2015 @ 20:02	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	865	Begin Line
LCSP	5137	End Line

General Line Comment

SOL Information
Water Depth 53.4m
STW - 4.5kts
Winds - 24.6kts S
WSW Seas - 1.5-2m

EOL Information
Water Depth - 24.7m
STW - 3.9kts
Winds - 13.2kts
Seas - 2.0m

Positioning Comments

P-Cable GPS units intermittently dropping in and out due to rough seas
Shot Points 2710 - 2730 Reduced Source power due to switching guns on and off Troubleshooting
Shot Points 2946 - 2953 Reduced Source power due to switching guns on and off Troubleshooting

LINE SUMMARY REPORT
LINE # 1444
SEQ # 58

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1444	Heading	124.4
Pre-plot	MGL15101444	FSP #	5129
Sequence	58	FCSP #	5129
Type	Prime	LCSP #	865
Start	21 Jun 2015 @ 21:20	LSP #	865
End	22 Jun 2015 @ 03:55	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5129	Begin Line
Midnight SP	3390	Midnight Shot (UTC)
LCSP	865	End Line

General Line Comment

SOL Information	EOL Information
Water Depth 21.7m	Water Depth - 56.3m
STW - 4.4kts	STW - 4.5kts
Winds - 12.9kts WSW	Winds - 14.0kts SW
Seas - 2.0m	Seas - 2.0m

Positioning Comments

Starboard Tri-Point intermittent due to sea conditions, throughout the entire line.
Shot Point 1794 GPS Spike

LINE SUMMARY REPORT
LINE # 2284
SEQ # 59

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2284	Heading	304.4
Pre-plot	MGL15102284	FSP #	858
Sequence	59	FCSP #	858
Type	Prime	LCSP #	5137
Start	22 Jun 2015 @ 04:57	LSP #	5137
End	22 Jun 2015 @ 11:39	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	858	Begin Line
LCSP	5137	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 54.3m	Water Depth - 25.1m
STW - 4.1kts	STW - 4.7kts
Winds - 16.4kts SW	Winds - 12.1kts NW
Seas - 1.0m	Seas - 1.0-1.5m

Positioning Comments

No significant events occurred during data acquisition.

LINE SUMMARY REPORT
LINE # 1420
SEQ # 60

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1420	Heading	124.4
Pre-plot	MGL15101420	FSP #	5148
Sequence	60	FCSP #	5148
Type	Prime	LCSP #	865
Start	22 Jun 2015 @ 12:44	LSP #	865
End	22 Jun 2015 @ 19:16	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5148	Begin Line
LCSP	865	End Line

General Line Comment

SOL Information	EOL Information
Water Depth 22.7m	Water Depth - 55.3m
STW - 4.3kts	STW - 4.3kts
Winds - 4.3kts NW	Winds - 9.0kts WSW
Seas - 1.0-1.5m	Seas - 1.0m

Positioning Comments

Shot Point 4451 PSO Required Shutdown; Whale Sighting
 Shot Point 3511 Return to full power on source
 Shot Point 2393 PSO Required Shutdown
 Shot Point 2312 Return to full power on source
 Shot Point 2249 Missed Shot (no navigation shot)
 Shot Point 2081 PSO Required Shutdown
 Shot Point 2007 Return to full power on source
 Shot Point 1535 PSO Required Shutdown
 Shot Point 1474 Return to full power on source

LINE SUMMARY REPORT
LINE # 2260
SEQ # 61

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2260	Heading	304.4
Pre-plot	MGL15102260	FSP #	871
Sequence	61	FCSP #	871
Type	Prime	LCSP #	5137
Start	22 Jun 2015 @ 20:19	LSP #	5137
End	23 Jun 2015 @ 02:49	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	871	Begin Line
Midnight SP	3208	Midnight Shot (UTC)
LCSP	5137	End Line

General Line Comment

SOL Information	EOL Information
Water Depth 53.6m	Water Depth - 25.9m
STW - 4.5kts	STW - 4.4kts
Winds - 9.3kts WSW	Winds - 17.9kts SW
Seas - 1.0m	Seas - 1.0m

Positioning Comments

Shot Point 1078 NavPoint Trawler stopped working
Shot Point 1123 NavPoint Trawler running

LINE SUMMARY REPORT
LINE # 1396
SEQ # 62

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1396	Heading	124.4
Pre-plot	MGL15101396	FSP #	5135
Sequence	62	FCSP #	5135
Type	Prime	LCSP #	865
Start	23 Jun 2015 @ 03:55	LSP #	865
End	23 Jun 2015 @ 10:28	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5135	Begin Line
LCSP	865	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 22.1m	Water Depth - 54.5m
STW - 4.4kts	STW - 4.4kts
Winds - 15.4kts SW	Winds - 4.5kts SW
Seas - 1.0m	Seas - 1.0m

Positioning Comments

No significant events occurred during data acquisition.

LINE SUMMARY REPORT
LINE # 2236
SEQ # 63

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2236	Heading	304.4
Pre-plot	MGL15102236	FSP #	858
Sequence	63	FCSP #	858
Type	Prime	LCSP #	5137
Start	23 Jun 2015 @ 11:31	LSP #	5137
End	23 Jun 2015 @ 17:57	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	858	Begin Line
LCSP	5137	End Line

General Line Comment

SOL Information	EOL Information
Water Depth 22.1m	Water Depth - 25.6m
STW - 4.4kts	STW - 4.4kts
Winds - 15.4kts SW	Winds - 11.5kts S
Seas - 1.0m	Seas - 1.5m

Positioning Comments

No significant events occurred during data acquisition.

LINE SUMMARY REPORT
LINE # 1372
SEQ # 64

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1372	Heading	124.4
Pre-plot	MGL15101372	FSP #	5130
Sequence	64	FCSP #	5130
Type	Prime	LCSP #	865
Start	23 Jun 2015 @ 19:05	LSP #	865
End	24 Jun 2015 @ 01:35	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5130	Begin Line
Midnight SP	1848	Midnight Shot (UTC)
LCSP	865	End Line

General Line Comment

SOL Information	EOL Information
Water Depth 22.1m	Water Depth - 55.3m
STW - 4.4kts	STW - 4.4kts
Winds - 18kts SW	Winds - 17.8kts SW
Seas - 1.5m	Seas - 2.0m

Positioning Comments

Shot Point 1930 - EOL due to heavy winds and seas Starboard Tri-point dropping in and out.

Note: Check out thoroughly in processing.

LINE SUMMARY REPORT
LINE # 2212
SEQ # 65

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2212	Heading	304.4
Pre-plot	MGL15102212	FSP #	875
Sequence	65	FCSP #	875
Type	Prime	LCSP #	5137
Start	24 Jun 2015 @ 02:42	LSP #	5137
End	24 Jun 2015 @ 09:14	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	875	Begin Line
LCSP	5137	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 53.1m	Water Depth - 24.0m
STW - 4.5kts	STW - 4.4kts
Winds - 35.0kts SW	Winds - 12.1kts NNW
Seas - 2.0m	Seas - 1.0m

Positioning Comments

At SOL due to sea conditions both Tri-Point GPS receivers dropping in and out.

LINE SUMMARY REPORT
LINE # 1348
SEQ # 66

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1348	Heading	124.4
Pre-plot	MGL15101348	FSP #	5147
Sequence	66	FCSP #	5147
Type	Prime	LCSP #	865
Start	24 Jun 2015 @ 10:30	LSP #	865
End	24 Jun 2015 @ 16:52	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5147	Begin Line
LCSP	865	End Line

General Line Comment

SOL Information	EOL Information
Water Depth 24.1m	Water Depth - 56.3m
STW - 4.4kts	STW - 4.5kts
Winds - 10.4kts NNW	Winds - 4.0kts NW
Seas - 1.0m	Seas - 1.0m

Positioning Comments

Shot Point 2452 PSO Required Shutdown; Turtle in area
Shot Point 2401 Resume full power on source
Shot Point 2170 PSO Required Shutdown; Turtle in area
Shot Point 2109 Resume full power on source

LINE SUMMARY REPORT
LINE # 2164
SEQ # 67

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2164	Heading	304.4
Pre-plot	MGL15102164	FSP #	873
Sequence	67	FCSP #	873
Type	Prime	LCSP #	5137
Start	24 Jun 2015 @ 17:57	LSP #	5137
End	25 Jun 2015 @ 00:24	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FCSP	873	Begin Line
Midnight SP	4876	Midnight Shot (UTC)
LCSP	5137	End Line

General Line Comment

SOL Information	EOL Information
Water Depth 54.1m	Water Depth - 23.6m
STW - 4.7kts	STW - 4.7kts
Winds - 6.0kts NW	Winds - 10.2kts SSW
Seas - 1.0m	Seas - 1.0m

Positioning Comments

Shot Point 1523 GeoEel Shutdown
Shot Point 1900 Resume shooting P-Cable
Shot Point 2204 PSO Required Shutdown, Turtle in area
Shot Point 2266 Resume full volume on Source
Shot Point 2366 Missed Shot on NavPoint

LINE SUMMARY REPORT
LINE # 1324
SEQ # 68

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1324	Heading	124.4
Pre-plot	MGL15101324	FSP #	5131
Sequence	68	FCSP #	5131
Type	Prime	LCSP #	865
Start	25 Jun 2015 @ 01:30	LSP #	865
End	25 Jun 2015 @ 07:58	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5131	Begin Line
LCSP	865	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 20.9m	Water Depth - 57.5m
STW - 4.5kts	STW - 4.5kts
Winds - 9.0kts SSW	Winds - 4.4kts NW
Seas - 1.0m	Seas - 0.5m

Positioning Comments

Starting at Shot Point 4550 Starboard Tri-Point GPS intermittent, due to increased sea conditions. Pay Close attention during processing.

LINE SUMMARY REPORT
LINE # 2116
SEQ # 69

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2116	Heading	304.4
Pre-plot	MGL15102116	FSP #	885
Sequence	69	FCSP #	1287
Type	Prime	LCSP #	4540
Start	25 Jun 2015 @ 09:02	LSP #	4667
End	25 Jun 2015 @ 14:57	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FSP	885	Begin Line; P-Cable system not online
FCSP	1287	System Back online
LCSP	4540	Streamer#10 dropped out
LSP	4667	End of Line due to 3 streamers out

General Line Comment

SOL Information	EOL Information
Water Depth 53.8m	Water Depth - 27.4m
STW - 4.4kts	STW - 3.9kts
Winds - 8.8kts NNW	Winds - 4.7kts NE
Seas - 0.5-1.0m	Seas - 0.5m

Positioning Comments

Starboard Tri-Point GPS intermittent throughout line, due to increased sea conditions.

LINE SUMMARY REPORT
LINE # 2068
SEQ # 70

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2068	Heading	304.4
Pre-plot	MGL15102068	FSP #	873
Sequence	70	FCSP #	873
Type	Prime	LCSP #	5137
Start	26 Jun 2015 @ 01:06	LSP #	5137
End	26 Jun 2015 @ 07:33	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	873	Begin Line
LCSP	5137	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 53.1m	Water Depth - 23.2m
STW - 4.2kts	STW - 4.3kts
Winds - 7.0kts S	Winds - 5.8kts ESE
Seas - 1.0m	Seas - 0.5m

Positioning Comments

Shot Point 2190 Gun Malfunction
Shot Point 2202 Full Volume on Source Array

LINE SUMMARY REPORT
LINE # 1300
SEQ # 71

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1300	Heading	124.4
Pre-plot	MGL15101300	FSP #	5137
Sequence	71	FCSP #	5137
Type	Prime	LCSP #	865
Start	26 Jun 2015 @ 08:46	LSP #	865
End	26 Jun 2015 @ 15:17	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FCSP	5137	Begin Line
LSP	865	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 22.5m	Water Depth - 55.5m
STW - 4.6kts	STW - 4.3kts
Winds - 7.8kts ESE	Winds - 14.8kts NE
Seas - 0.5m	Seas - 0.5m

Positioning Comments

Shot Point 3492 P-Cable Dropping in and out, Restarting GeoEel, NavPoint Trawler Shutdown due to GeoEel.
Shot Point 3105 GeoEel and NavPoint Trawler operating properly

LINE SUMMARY REPORT
LINE # 2020
SEQ # 72

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2020	Heading	304.4
Pre-plot	MGL15102020	FSP #	872
Sequence	72	FCSP #	872
Type	Prime	LCSP #	1056
Start	26 Jun 2015 @ 16:15	LSP #	1636
End	26 Jun 2015 @ 17:33	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FCSP	872	Begin Line
LCSP	1056	P-Cable Down, Continue shooting 2D data

General Line Comment

SOL Information	EOL Information
Water Depth 53.1m	Water Depth - 34.2m
STW - 4.5kts	STW - 3.3kts
Winds - 10.0kts ENE	Winds - 5.4kts ENE
Seas - 1.0m	Seas - 1.0m

Positioning Comments

Shot Point 1056 P-Cable down, working to repair, Trawler Restarted no change.
Shot Point 1636 End Line for crew to pick up P-Cable

LINE SUMMARY REPORT
LINE # 1276
SEQ # 73

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1276	Heading	124.4
Pre-plot	MGL15101276	FSP #	5105
Sequence	73	FCSP #	5105
Type	Prime	LCSP #	865
Start	27 Jun 2015 @ 01:05	LSP #	865
End	27 Jun 2015 @ 07:51	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5105	Begin Line
LCSP	865	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 19.9m	Water Depth - 55.9m
STW - 4.4kts	STW - 4.2kts
Winds - 2.3kts SE	Winds - 13.4kts ENE
Seas - 1.0m	Seas - 0.5m

Positioning Comments

Shot Point 4398 Removed P-Cable Streamer 4 compass - erratic

LINE SUMMARY REPORT
LINE # 2020 R
SEQ # 74

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2020 R	Heading	304.4
Pre-plot	MGL15102020	FSP #	866
Sequence	74	FCSP #	866
Type	Reshoot	LCSP #	5137
Start	27 Jun 2015 @ 08:53	LSP #	5137
End	27 Jun 2015 @ 15:39	Status	Pending

START AND END COMMENTS

	SP#	Comment
FCSP	866	Begin Line
LCSP	5137	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 53.9m	Water Depth - 21.5m
STW - 4.6kts	STW - 4.6kts
Winds - 14.1kts ENE	Winds - 19.1kts E
Seas - 1.0m	Seas - 1.5m

Positioning Comments

No significant events occurred during data acquisition.

LINE SUMMARY REPORT
LINE # 1252
SEQ # 75

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1252	Heading	124.4
Pre-plot	MGL15101252	FSP #	5130
Sequence	75	FCSP #	5130
Type	Prime	LCSP #	865
Start	27 Jun 2015 @ 16:43	LSP #	865
End	27 Jun 2015 @ 23:23	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5130	Begin Line
LCSP	865	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 20.8m	Water Depth - 56.0m
STW - 4.1kts	STW - 4.4kts
Winds - 15.0kts ESE	Winds - 29.0kts E
Seas - 2.5m	Seas - 3.0m

Positioning Comments

Shot Point 4875 Begin to see Starboard Tri-Point losing corrections due to sea conditions, intermittent
Shot Point 4842 GPS Spike
Shot Point 3725 GPS Spike
Approximate Shot Point 2850 Streamer tail Compass No. 3 stopped transmitting Remove from solution.
Shot Point 2211 GPS Spike

** Note: During line Port and Starboard Tri-Point GPS units - dropping in and out with corrections due to weather conditions. Seas 2.0-2.5 m

LINE SUMMARY REPORT
LINE # 1996
SEQ # 76

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1996	Heading	304.4
Pre-plot	MGL15101996	FSP #	873
Sequence	76	FCSP #	873
Type	Prime	LCSP #	5137
Start	28 Jun 2015 @ 00:23	LSP #	5137
End	28 Jun 2015 @ 06:48	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	873	Begin Line
LCSP	5137	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 53.8m	Water Depth - 22.7m
STW - 4.4kts	STW - 4.4kts
Winds - 21.0kts E	Winds - 4.6kts SE
Seas - 3.0m	Seas - 2.0-3.0m

Positioning Comments

No significant events occurred during data acquisition

** Note: During line Port and Starboard Tri-Point GPS units - dropping in and out with corrections due to weather conditions. Seas 2.5-3.0 m

LINE SUMMARY REPORT
LINE # 1228
SEQ # 77

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1228	Heading	124.4
Pre-plot	MGL15101228	FSP #	5137
Sequence	77	FCSP #	5137
Type	Prime	LCSP #	865
Start	28 Jun 2015 @ 07:52	LSP #	865
End	28 Jun 2015 @ 14:22	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5137	Begin Line
LCSP	865	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 20.0m	Water Depth - 55.1m
STW - 4.3kts	STW - 4.3kts
Winds - 8.0kts S	Winds - 17.8kts SW
Seas - 2.0-2.5m	Seas - 2.0-2.5m

Positioning Comments

Shot Point 4287 Port Vane GPS stopped transmitting data
Shot Point 4757 Missed Event
Shot Point 3618 Missed Event
Shot Point 2484 Missed Event

** Note: During line Port and Starboard Tri-Point GPS units - dropping in and out with corrections due to weather conditions. Seas 2.0-2.5 m

LINE SUMMARY REPORT
LINE # 2188
SEQ # 78

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2188	Heading	304.4
Pre-plot	MGL15102188	FSP #	857
Sequence	78	FCSP #	857
Type	Prime	LCSP #	5137
Start	28 Jun 2015 @ 15:33	LSP #	5137
End	28 Jun 2015 @ 22:00	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	857	Begin Line
LCSP	5137	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 53.1m	Water Depth - 24.6m
STW - 4.3kts	STW - 4.2kts
Winds - 22.8kts SW	Winds - 18.2kts SW
Seas - 2.0-2.5m	Seas - 2.0m

Positioning Comments

Shot Point 3438 PSO required shut-down
Shot Point 3503 Resume full power on source array

** Note: During line Port and Starboard Tri-Point GPS units - dropping in and out with corrections due to weather conditions. Seas 2.0-2.5 m

LINE SUMMARY REPORT
LINE # 1204
SEQ # 79

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1204	Heading	124.4
Pre-plot	MGL15101204	FSP #	5133
Sequence	79	FCSP #	5133
Type	Prime	LCSP #	4769
Start	28 Jun 2015 @ 23:12	LSP #	865
End	29 Jun 2015 @ 05:44	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FCSP	5133	Begin Line
LCSP	4769	P-Cable Down
LSP	865	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 20.8m	Water Depth – 55.4m
STW - 4.5kts	STW – 4.4kts
Winds - 15.4kts SW	Winds – 19.8kts W
Seas - 2.5m	Seas – 1.5m

Positioning Comments

Shot Point 4769 P-Cable Down (lost all communications)
Shot Point 4705 Restart Trawler
Continue shooting 2D Seismic Only

** Note: During line Port and Starboard Tri-Point GPS units - dropping in and out due to weather and sea conditions.

LINE SUMMARY REPORT
LINE # 1948
SEQ # 80

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1948	Heading	124.4
Pre-plot	MGL15101948	FSP #	2454
Sequence	80	FCSP #	2444
Type	Prime	LCSP #	951
Start	30 Jun 2015 @ 21:18	LSP #	951
End	30 Jun 2015 @ 23:51	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FSP	2454	Begin Line
FCSP	2444	Actual Begin Recording
LCSP	951	End Line

General Line Comment

SOL Information	EOL Information
Water Depth 31.9m	Water Depth - 67.6m
STW - 4.5kts	STW - 4.4kts
Winds - 16.0kts SW	Winds - 15.4kts SW
Seas - 1.0m	Seas - 1.0m

Positioning Comments

Shot Point 2444 First Good Shot Point due to trigger malfunction at SOL
End Line at Shot Point 951 as per LDEO

LINE SUMMARY REPORT
LINE # 2140
SEQ # 81

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2140	Heading	304.4
Pre-plot	MGL15102140	FSP #	869
Sequence	81	FCSP #	869
Type	Prime	LCSP #	5041
Start	1 Jul 2015 @ 01:33	LSP #	5041
End	1 Jul 2015 @ 08:01	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	869	Begin Line
LCSP	5041	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 54.5m	Water Depth - 29.2m
STW - 4.3kts	STW - 4.6kts
Winds - 5.4kts SE	Winds - 15.4kts S
Seas - 1.0m	Seas - 0.5m

Positioning Comments

No significant events during data acquisition

LINE SUMMARY REPORT
LINE # 1972
SEQ # 82

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1972	Heading	124.4
Pre-plot	MGL15101972	FSP #	5135
Sequence	82	FCSP #	5135
Type	Prime	LCSP #	961
Start	1 Jul 2015 @ 09:31	LSP #	961
End	1 Jul 2015 @ 15:29	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5135	Begin Line
LCSP	961	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 23.4m	Water Depth - 52.7m
STW - 4.3kts	STW - 4.4kts
Winds - 16.1kts WSW	Winds - 12.5kts WSW
Seas - 0.5m	Seas - 0.5m

Positioning Comments

Shot Point 1086 PSO Required Shutdown; Turtle in area
Shot Point 1019 Resume full volume on source array

LINE SUMMARY REPORT
LINE # 2092
SEQ # 83

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2092	Heading	304.4
Pre-plot	MGL15102092	FSP #	933
Sequence	83	FCSP #	933
Type	Prime	LCSP #	5041
Start	1 Jul 2015 @ 16:46	LSP #	5041
End	1 Jul 2015 @ 23:08	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	933	Begin Line
LCSP	5041	End Line

General Line Comment

SOL Information	EOL Information
Water Depth 52.1m	Water Depth - 30.7m
STW - 3.3kts	STW - 4.3kts
Winds - 12.1kts SW	Winds - 15.5kts SW
Seas - 0.5m	Seas - 0.5m

Positioning Comments

Shot Point 968 P-Cable Stopped Recording
Shot Point 1028 P-Cable Recording Data
Shot Point 1357 PSO required shut-down
Shot Point 1329 Resume full power on source array
Shot Point 4693 Corrections failed on in-water equipment
Shot Point 4785 Reset POE, Receiving Corrections

LINE SUMMARY REPORT
LINE # 1420-R
SEQ # 84

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1420-R	Heading	124.4
Pre-plot	MGL15101420	FSP #	5036
Sequence	84	FCSP #	5036
Type	Reshoot	LCSP #	1044
Start	1 Jul 2015 @ 23:53	LSP #	985
End	2 Jul 2015 @ 06:01	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FCSP	5036	Begin Line
Midnight SP	4963	Midnight Shot (UTC)
LCSP	1044	P-Cable Lost Coms
LSP	985	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 28.9m	Water Depth - 53.8m
STW - 4.6kts	STW - 4.4kts
Winds - 18.5kts SW	Winds - 7.4kts WNW
Seas - 1.0m	Seas - 0.5m

Positioning Comments

Shot Point 4535 P-Cable lost coms
Shot Point 4457 P-Cable operating properly, S-Compass #19 operating
Shot Point 3298 P-Cable lost coms
Shot Point 3111 P-Cable operating properly
Shot Point 1044 P-Cable lost coms
Shot Point 0985 End Line

LINE SUMMARY REPORT
LINE # 2044
SEQ # 85

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2044	Heading	304.4
Pre-plot	MGL15102044	FSP #	865
Sequence	85	FCSP #	865
Type	Prime	LCSP #	5041
Start	2 Jul 2015 @ 06:55	LSP #	5041
End	2 Jul 2015 @ 13:47	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FCSP	865	Begin Line
LCSP	5041	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 52.8m	Water Depth - 28.9m
STW - 4.4kts	STW - 4.1kts
Winds - 5.8kts NW	Winds - 7.7kts NE
Seas - 0.5m	Seas - 0.5m

Positioning Comments

No significant events during data acquisition

LINE SUMMARY REPORT
LINE # 1948-A
SEQ # 86

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1948-A	Heading	124.4
Pre-plot	MGL15101948	FSP #	5137
Sequence	86	FCSP #	5137
Type	Prime	LCSP #	2404
Start	2 Jul 2015 @ 14:56	LSP #	2404
End	2 Jul 2015 @ 19:16	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5137	Start of Line
LCSP	2404	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 22.6m	Water Depth - 31.5m
STW - 4.1kts	STW - 4.1kts
Winds - 9.1kts NE	Winds - 16.0kts NE
Seas - 0.5m	Seas - 1.0m

Positioning Comments

No Significant events occurred during data acquisition.

LINE SUMMARY REPORT
LINE # 1300-R
SEQ # 87

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1300-R	Heading	304.4
Pre-plot	MGL15101300	FSP #	2385
Sequence	87	FCSP #	2385
Type	Reshoot	LCSP #	3972
Start	2 Jul 2015 @ 19:52	LSP #	3972
End	2 Jul 2015 @ 22:26	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	2385	Begin Line
LCSP	3972	End Line

General Line Comment

SOL Information	EOL Information
Water Depth 33.1m	Water Depth - 29.9m
STW - 3.7kts	STW - 4.1kts
Winds - 13.0kts ENE	Winds - 11.5kts NE
Seas - 1.0m	Seas - 1.0m

Positioning Comments

Shot Point 2999 In-water GPS units down while running test on POE modem.
Shot Point 3021 In-water GPS units operating properly

LINE SUMMARY REPORT
LINE # 1660-R
SEQ # 88

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1660-R	Heading	124.4
Pre-plot	MGL15101660	FSP #	4533
Sequence	88	FCSP #	4533
Type	Reshoot	LCSP #	961
Start	2 Jul 2015 @ 23:51	LSP #	961
End	3 Jul 2015 @ 05:38	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	4533	Begin Line
Midnight SP	4447	Midnight Shot (UTC)
LCSP	961	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 27.2m	Water Depth - 52..5m
STW - 4.2kts	STW - 4.2kts
Winds - 14.4kts NE	Winds - 15.7kts N
Seas - 1.0m	Seas - 0.5m

Positioning Comments

Shot Point 4357 Reset GeoEel system
Shot Point 4349 GeoEel system operational
Shot Point 2176 GPS Spike

LINE SUMMARY REPORT
LINE # 2116 R
SEQ # 89

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2116 R	Heading	304.4
Pre-plot	MGL15102116	FSP #	954
Sequence	89	FCSP #	988
Type	Reshoot	LCSP #	5041
Start	3 Jul 2015 @ 06:10	LSP #	5041
End	3 Jul 2015 @ 12:37	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FSP	954	Start of Line
FCSP	988	P-Cable in Aquisition Mode
LCSP	5041	End of Line

General Line Comment

SOL Information
Water Depth 52.4m
STW - 4.3kts
Winds - 12.6kts N
Seas - 0.5m

EOL Information
Water Depth - 31.0m
STW - 4.2kts
Winds - 8.0kts NE
Seas - 0.5m

Positioning Comments

No significant events occurred during data acquisition

LINE SUMMARY REPORT
LINE # 1204 A
SEQ # 90

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1204 A	Heading	124.4
Pre-plot	MGL15101204	FSP #	5079
Sequence	90	FCSP #	5079
Type	Prime	LCSP #	961
Start	3 Jul 2015 @ 13:38	LSP #	961
End	3 Jul 2015 @ 20:18	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5079	Start of Line
LCSP	961	End Line

General Line Comment

SOL Information	EOL Information
Water Depth 21.8m	Water Depth - 54.3m
STW - 3.4kts	STW - 4.0kts
Winds - 9.9kts NE	Winds - 4.8kts ENE
Seas - 0.5m	Seas - 1.0m

Positioning Comments

Shot Point 4535 PSO Required shut-down, turtle in area
Shot Point 4521 P-Cable down
Shot Point 4475 Resume full power on source array
Shot Point 4460 P-Cable operational

LINE SUMMARY REPORT
LINE # 2428-R
SEQ # 91

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2428-R	Heading	304.4
Pre-plot	MGL15102428	FSP #	962
Sequence	91	FCSP #	962
Type	Reshoot	LCSP #	5041
Start	3 Jul 2015 @ 21:35	LSP #	5041
End	4 Jul 2015 @ 04:01	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FCSP	962	Begin Line
Midnight SP	2583	Midnight Shot (UTC)
LCSP	5041	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 53.8m	Water Depth - 27.7m
STW - 4.3kts	STW - 4.3kts
Winds - 4.7kts ENE	Winds - 4.0kts SE
Seas - 1.0m	Seas - 1.0m

Positioning Comments

Shot Point 3175 GeoEel system down
Shot Point 3234 GeoEel system operational
Shot Point 4100 GeoEel system down
Shot Point 4155 GeoEel system operational
Shot Point 4743 GeoEel system down
Shot Point 4794 GeoEel system operational

LINE SUMMARY REPORT
LINE # 1180
SEQ # 92

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1180	Heading	124.4
Pre-plot	MGL15101180	FSP #	5105
Sequence	92	FCSP #	5105
Type	Prime	LCSP #	1471
Start	4 Jul 2015 @ 05:12	LSP #	1108
End	4 Jul 2015 @ 11:55	Status	Incomplete

START AND END COMMENTS

	SP#	Comment
FCSP	5105	Start of Line
LCSP	1471	P-Cable issues
LSP	1108	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 19.5m	Water Depth - 52.1m
STW - 3.8kts	STW - 3.8kts
Winds - 7.3kts ESE	Winds - 16.2kts NE
Seas - 1.0m	Seas - 1.0m

Positioning Comments

Shot Point 2628 P-Cable issues
Shot Point 2598 P-Cable back online
Shot Point 2209 P-Cable issues
Shot Point 2106 P-Cable back online
Shot Point 1986 P-Cable issues
Shot Point 1812 P-Cable back online
Shot Point 1471 P-Cable issues
Shot Point 1286 P-Cable back online
Shot Point 1221 P-Cable issues
Shot Point 1108 End Line

LINE SUMMARY REPORT
LINE # 1156
SEQ # 93

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	0.50 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1156	Heading	304.4
Pre-plot	MGL15101156	FSP #	953
Sequence	93	FCSP #	953
Type	Prime	LCSP #	5041
Start	4 Jul 2015 @ 18:39	LSP #	5041
End	5 Jul 2015 @ 01:12	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	953	Begin Line
Midnight SP	4292	Midnight Shot (UTC)
LCSP	5041	End Line

General Line Comment

SOL Information	EOL Information
Water Depth 55.2m	Water Depth - 25.2m
STW - 3.0kts	STW - 4.0kts
Winds - 19.8kts NE	Winds - 9.5kts NE
Seas - 1.0m	Seas - 1.0m

Positioning Comments

No significant events during data acquisition

LINE SUMMARY REPORT
LINE # 1132
SEQ # 94

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1132	Heading	124.4
Pre-plot	MGL15101132	FSP #	5050
Sequence	94	FCSP #	5050
Type	Prime	LCSP #	2420
Start	5 Jul 2015 @ 02:43	LSP #	2420
End	5 Jul 2015 @ 06:56	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5050	Begin Line
LCSP	2420	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 24.5m	Water Depth - 29.5m
STW - 4.2kts	STW - 4.3kts
Winds - 7.0kts NE	Winds - 9.6kts NE
Seas - 1.0m	Seas - 1.0m

Positioning Comments

No significant events occurred during data acquisition.

LINE SUMMARY REPORT
LINE # 1108
SEQ # 95

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1108	Heading	304.4
Pre-plot	MGL15101108	FSP #	2308
Sequence	95	FCSP #	2308
Type	Prime	LCSP #	5041
Start	5 Jul 2015 @ 08:15	LSP #	5041
End	5 Jul 2015 @ 12:38	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	2308	Start of Line
LCSP	5041	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 22.9m	Water Depth - 25.5m
STW - 4.4kts	STW - 4.0kts
Winds - 4.5kts NE	Winds - 1.3kts NW
Seas - 1.0m	Seas - 1.0m

Positioning Comments

No Significant events occurred during data acquisition.

LINE SUMMARY REPORT
LINE # 1084
SEQ # 96

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1084	Heading	124.4
Pre-plot	MGL15101084	FSP #	5045
Sequence	96	FCSP #	5045
Type	Prime	LCSP #	2420
Start	@	LSP #	2420
End	5 Jul 2015 @ 14:12	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	5045	Begin Line
LCSP	2420	End Line

General Line Comment

SOL Information	EOL Information
Water Depth 26.4m	Water Depth - 29.7m
STW - 4.6kts	STW - 4.3kts
Winds - 3.2kts NW	Winds - 4.5kts W
Seas - 1.0m	Seas - 0.5m

Positioning Comments

Shot Point 4565 PSO Required Shutdown
Shot Point 4495 Resume full power in source array
Shot Point 4492 P-Cable issues
Shot Point 4408 P-Cable online
Shot Point 4349 P-Cable issues
Shot Point 4291 P-Cable online
Shot Point 3534 PSO Required Shutdown
Shot Point 3480 Resume full power in source array

LINE SUMMARY REPORT
LINE # 1348-R
SEQ # 97

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1348-R	Heading	304.4
Pre-plot	MGL15101348	FSP #	1944
Sequence	97	FCSP #	1944
Type	Infill	LCSP #	2520
Start	5 Jul 2015 @ 19:21	LSP #	2520
End	5 Jul 2015 @ 20:20	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	1944	Begin Line
LCSP	2520	End Line

General Line Comment

SOL Information	EOL Information
Water Depth 27.0m	Water Depth - 30.8m
STW - 4.4kts	STW - 4.3kts
Winds - 4.7kts SW	Winds - 5.0kts S
Seas - 0.5m	Seas - 0.5m

Positioning Comments

No significant events occurred during data acquisition

LINE SUMMARY REPORT
LINE # 2188-R
SEQ # 98

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2188-R	Heading	304.4
Pre-plot	MGL15102188	FSP #	2778
Sequence	98	FCSP #	2778
Type	Reshoot	LCSP #	4787
Start	5 Jul 2015 @ 21:18	LSP #	4787
End	6 Jul 2015 @ 00:17	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	2778	Begin Line
Midnight SP	4581	Midnight Shot (UTC)
LCSP	4787	End Line

General Line Comment

SOL Information	EOL Information
Water Depth 28.4m	Water Depth - 29.1m
STW - 4.4kts	STW - 4.4kts
Winds - 8.9kts S	Winds - 8.0kts S
Seas - 0.5m	Seas - 0.5m

Positioning Comments

Shot Point 3233 PSO required shut-down
Shot Point 3294 Resume full power on source array

LINE SUMMARY REPORT
LINE # 1756-R
SEQ # 99

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	1756-R	Heading	124.4
Pre-plot	MGL15101756	FSP #	4809
Sequence	99	FCSP #	4809
Type	Reshoot	LCSP #	3245
Start	6 Jul 2015 @ 01:20	LSP #	3245
End	6 Jul 2015 @ 03:52	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	4809	Begin Line
LCSP	3245	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 29.7m	Water Depth - 28.0m
STW - 4.3kts	STW - 4.4kts
Winds - 8.5kts SW	Winds - 6.3kts S
Seas - 0.5m	Seas - 0.5m

Positioning Comments

No significant events occurred during data acquisition.

LINE SUMMARY REPORT
LINE # 2116-S
SEQ # 100

PROJECT DETAILS

Client	Lamont-Doherty Earth Observatory	Streamers	24	No. sources	1
Survey	LDEO P-Cable 2015	Streamer length	50m	Source volume	700 ci
Vessel	R/V Marcus G. Langseth	Streamer sep	12.5m	Source separation	
Contractor	NCS-SubSea, Inc.	Streamer depth	2.5m	Shot interval	12.5m
Mobilisation	5/25/2015	Sample rate	1.0 ms	Record length	4 sec
Contractor project #	J00585	Group interval	6.25m	Nominal source-near trace offset	

LINE DATA

Line	2116-S	Heading	304.4
Pre-plot	MGL15102116	FSP #	2806
Sequence	100	FCSP #	2806
Type	Reshoot	LCSP #	4803
Start	6 Jul 2015 @ 05:23	LSP #	4803
End	6 Jul 2015 @ 08:44	Status	Complete

START AND END COMMENTS

	SP#	Comment
FCSP	2806	Start of Line
LCSP	4803	End of Line

General Line Comment

SOL Information	EOL Information
Water Depth 29.6m	Water Depth -27.4m
STW - 4.5kts	STW - 4.3kts
Winds - 6.8kts S	Winds - 4.2kts SE
Seas - 0.5m	Seas - 0.5m

Positioning Comments

No significant events occurred during data acquisition.