

<b>Seq# 001</b>		Line Name: <b>MGL0910_05</b>	<b>NAVIGATION</b>	DATE: 2009-08-27
		Line Brg : 185.5 °	<b>LINE LOGS</b>	JULIAN DAY: 239
CLIENT: National Science Foundation		SURVEY: E-TOMO		MGL0910
DC SOL : 104.2m	DEPTH SOL : 2530.6m	NAVIGATION SYSTEM USED: C-Nav - Primary		
DC EOL :	DEPTH EOL :	NAVIGATION SYSTEM USED: SeaPath 200		
SMG SOL: 4.0 knots	FEATHER SOL: N/A *	NAVIGATION SYSTEM USED: Posnet		
SMG EOL: 3.8 knots	FEATHER EOL: N/A *	GRAVITY METER: BGM-3: used		
<b>WEATHER</b>	MAX FEATHER: N/A *	MAGNETOMETER: GeoMetrics 882		
WIND SOL: 28 knots		MAG DEC USED : 16.42°		
WIND EOL: 35 knots				
SEAS SOL: 2.5m	19:00 - 07:00 utc => David Martinson, Ryan Eaton			
SEAS EOL: 3.5m	07:00 - 19:00 utc => Bern McKiernan, David Ng			
UTC		SP		EVENT
COMMENTS				
05:08	1280	FSP	Start of line	
06:17	1261	OBS	OBS crossing W22	
08:46	1220	OBS	OBS crossing W21	
10:03	1200	OBS	OBS crossing W22	
11:33	1176	OBS	OBS crossing W22	
12:58	1152	OBS	OBS crossing W24	
14:26	1128	OBS	OBS crossing W21	
15:54	1105	OBS	OBS crossing W22	
17:25	1081	OBS	OBS crossing W21	
19:14	1052	OBS	OBS crossing W24	
20:28	1033	OBS	OBS crossing W12	
21:15	1021	LSP	End of line	
				VESEL POSITION
				Latitude (N)
				Longitude (W)
		SP	1280	48° 29' 37.7780"
		FGSP	1280	129° 12' 09.6390"
		LGSP	1021	47° 32' 51.1580"
		1021	129° 26' 50.3790"	
		NAVIGATION OFFSET APPLIED		
		NRP - Stern	4.20m	
		NRP - COS	193.70m	
		NRP - CNG	N/A	
		COS - CNG	N/A	
		NRP - CMP	N/A	
Note: LMN line parameter set to great circle line.				
				P1
				P2
				MGL0910_05.0.p190
				MGL0910_05.0.p294
Posnet locations & remarks: good - none - intermittent		Acoustic remarks:		ToomeyV1 LMN source_8m.SCN Langseth.RTCN
Fallbuoy #1	NA	Gun string #1	good	SP spacing: 420.0m recording length: N/Asec.
		Gun string #2	good	line status: <b>Line Complete</b>
		Gun string #3	good	
		Gun string #4	good	



<b>Seq# 003</b>		Line Name: <b>MGL0910_37</b>		<b>NAVIGATION</b>	DATE: 2009-08-28				
		Line Brg : <b>98 °</b>		<b>LINE LOGS</b>	JULIAN DAY: 240				
CLIENT: National Science Foundation		SURVEY: E-TOMO		MGL0910					
DC SOL : -32.5m DC EOL : -1440.1m SMG SOL: 3.8 knots SMG EOL: 4.0 knots <b>WEATHER</b> WIND SOL: 8.2 knots WIND EOL: 11.6 knots SEAS SOL: 2-3m SEAS EOL: 2-3m		DEPTH SOL : 2567.1m DEPTH EOL : 2294.9m FEATHER SOL: N/A * FEATHER EOL: N/A * MAX FEATHER: N/A *		NAVIGATION SYSTEM USED: C-Nav - Primary NAVIGATION SYSTEM USED: SeaPath 200 NAVIGATION SYSTEM USED: Posnet GRAVITY METER: BGM-3: used MAGNETOMETER: GeoMetrics 882 MAG DEC USED : 16.42°					
		19:00 - 07:00 utc => David Martinson, Ryan Eaton 07:00 - 19:00 utc => Bern McKiernan, David Ng							
		<b>COMMENTS</b>							
UTC	SP	EVENT							
15:08	3021	FSP	Start of line, gun volume - 330f						
18:31	3080	LSP	Last shot point						
			VESEL POSITION						
			Latitude (N)      Longitude (W)						
			FGSP						
			LGSP						
			NAVIGATION OFFSET APPLIÉE						
			NRP - Stern	4.20m					
			NRP - COS	193.70m					
			NRP - CNG	N/A					
			COS - CNG	N/A					
			NRP - CMP	N/A					
Note: LMN line parameter set to great circle line.									
			<table border="1" style="margin: auto;"> <tr> <td>P1</td> <td>P2</td> </tr> <tr> <td>MGL0910_37.p1190</td> <td>MGL0910_37.p2190</td> </tr> </table>			P1	P2	MGL0910_37.p1190	MGL0910_37.p2190
P1	P2								
MGL0910_37.p1190	MGL0910_37.p2190								
Posnet locations & remarks: good - none - intermittent		Acoustic remarks:		Toomey/V1 LMN      source_8m: SCN      Langseth: RTCN					
Fallbuoy #1	NA	Gun string #1	good	SP spacing: 420.0m      recording length: N/Asec.					
		Gun string #2	good	<b>line status:      Line Complete</b>					
		Gun string #3	good						
		Gun string #4	good						









<b>Seq# 008</b>		Line Name: <b>MGL0910_02R</b>	<b>NAVIGATION</b>	DATE: 2009-08-30				
		Line Brg : <b>5.5 °</b>	<b>LINE LOGS</b>	JULIAN DAY: 242				
CLIENT: National Science Foundation		SURVEY: E-TOMO		MGL0910				
DC SOL : 45.7m	DEPTH SOL : 2631.4m	NAVIGATION SYSTEM USED: C-Nav - Primary						
DC EOL : 3.6m	DEPTH EOL : 2446.4m	NAVIGATION SYSTEM USED: SeaPath 200						
SMG SOL: 4.0 knots	FEATHER SOL: N/A *	NAVIGATION SYSTEM USED: Posnet						
SMG EOL: 3.8 knots	FEATHER EOL: N/A *	GRAVITY METER: BGM-3: used						
<b>WEATHER</b>	MAX FEATHER: N/A *	MAGNETOMETER: GeoMetrics 882						
WIND SOL: 14 knots		MAG DEC USED : 16.42°						
WIND EOL: 11.0 knots								
SEAS SOL: 14.0m	19:00 - 07:00 utc => David Martinson, Ryan Eaton							
SEAS EOL: 1-2m	07:00 - 19:00 utc => Bern McKiernan, David Ng							
<b>UTC</b>		<b>SP</b>		<b>EVENT</b>				
<b>COMMENTS</b>								
04:06	8035	FSP	Start of line					
05:21	8057	OBS	Crossing OBS W2					
06:42	8061	OBS	Crossing OBS W3					
08:05	8104	OBS	Crossing OBS W4					
09:28	8128	OBS	Crossing OBS W5					
10:52	8152	OBS	Crossing OBS W6					
12:14	8176	OBS	Crossing OBS W7					
13:34	8200	OBS	Crossing OBS W8					
14:52	8223	OBS	Crossing OBS W9					
16:13	8247	OBS	Crossing OBS W10					
16:54	8259	LSPLGSP	End of line					
VESEL POSITION								
	SP	Latitude (N)	Longitude (W)					
FGSP	8035	47° 33.8942'	128° 49.4102'					
LGSP	8259	48° 24.4282'	128° 42.1672'					
NAVIGATION OFFSET APPLIEE								
	NRP - Stern	4.20m						
	NRP - COS	193.70m						
	NRP - CNG	N/A						
	COS - CNG	N/A						
	NRP - CMP	N/A						
Note: LMN line parameter set to great circle line.								
<table border="1" style="margin: auto;"> <tr> <td style="padding: 2px;">P1</td> <td style="padding: 2px;">P2</td> </tr> <tr> <td style="padding: 2px;">MGL0910_02R_0.p110</td> <td style="padding: 2px;">MGL0910_02R_0.p294</td> </tr> </table>					P1	P2	MGL0910_02R_0.p110	MGL0910_02R_0.p294
P1	P2							
MGL0910_02R_0.p110	MGL0910_02R_0.p294							
<b>Posnet locations &amp; remarks: good - none - intermittent</b>		<b>Acoustic remarks:</b>						
Fallbuoy #1	N/A	Gun string #1	good					
		Gun string #2	in-op					
		Gun string #3	in-op					
		Gun string #4	good					
		Toomey/V1 LMN	source_8m.SCN	Langseth.RTCN				
		SP spacing:	420.0m	recording length: N/Asec.				
<b>line status:</b>		<b>Line Complete</b>						

Seq# 009		Line Name: MGL0910_07	NAVIGATION	DATE: 2009-08-31												
		Line Brg : 197.6 °	LINE LOGS	JULIAN DAY: 243												
CLIENT: National Science Foundation		SURVEY: E-TOMO		MGL0910												
DC SOL : -24.8m		DEPTH SOL : 2496.2m	NAVIGATION SYSTEM USED: C-Nav - Primary													
DC EOL : -7.7m		DEPTH EOL : 2599.7m	NAVIGATION SYSTEM USED: SeaPath 200													
SMG SOL: 4.6 knots		FEATHER SOL: N/A *	NAVIGATION SYSTEM USED: Posnet													
SMG EOL: 4.7 knots		FEATHER EOL: N/A *	GRAVITY METER: BGM-3: used													
WEATHER		MAX FEATHER: N/A *	MAGNETOMETER: GeoMetrics 882													
WIND SOL: 15.4 knots			MAG DEC USED : 16.42°													
WIND EOL: 17.1 knots																
SEAS SOL: 1.5m		19:00 - 07:00 utc => David Martinson, Ryan Eaton														
SEAS EOL: 1.2m		07:00 - 19:00 utc => Bern McKiernan, David Ng														
UTC	SP	EVENT	COMMENTS													
00:24	9163	FSP	Start of line													
01:40	9138	OBS	Crossing OBS S36													
02:29	9122	OBS	Crossing OBS S35													
04:10	9089	OBS	Crossing OBS S33													
05:54	9055	OBS	Crossing OBS S31													
06:43	9039	OBS	Crossing OBS S30													
07:35	9022	OBS	Crossing OBS S29													
07:38	9021	LSP/LGSP	End of line													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">VESSEL POSITION</th> </tr> <tr> <th>SP</th> <th>Latitude (N)</th> <th>Longitude (W)</th> </tr> </thead> <tbody> <tr> <td>FGSP</td> <td>9163 48° 14.3603'</td> <td>128° 49.4781'</td> </tr> <tr> <td>LGSP</td> <td>9021 47° 41.4882'</td> <td>129° 04.9831'</td> </tr> </tbody> </table>					VESSEL POSITION			SP	Latitude (N)	Longitude (W)	FGSP	9163 48° 14.3603'	128° 49.4781'	LGSP	9021 47° 41.4882'	129° 04.9831'
VESSEL POSITION																
SP	Latitude (N)	Longitude (W)														
FGSP	9163 48° 14.3603'	128° 49.4781'														
LGSP	9021 47° 41.4882'	129° 04.9831'														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">NAVIGATION OFFSET APPLIED</th> </tr> </thead> <tbody> <tr> <td>NRP - Stern</td> <td>4.20m</td> </tr> <tr> <td>NRP - COS</td> <td>193.70m</td> </tr> <tr> <td>NRP - CNG</td> <td>N/A</td> </tr> <tr> <td>COS - CNG</td> <td>N/A</td> </tr> <tr> <td>NRP - CMP</td> <td>N/A</td> </tr> </tbody> </table>					NAVIGATION OFFSET APPLIED		NRP - Stern	4.20m	NRP - COS	193.70m	NRP - CNG	N/A	COS - CNG	N/A	NRP - CMP	N/A
NAVIGATION OFFSET APPLIED																
NRP - Stern	4.20m															
NRP - COS	193.70m															
NRP - CNG	N/A															
COS - CNG	N/A															
NRP - CMP	N/A															
Note: LMN line parameter set to great circle line.																
<table border="1" style="width: 80%; margin: auto; border-collapse: collapse;"> <thead> <tr> <th>P1</th> <th>P2</th> </tr> </thead> <tbody> <tr> <td>MGL0910_07.0.p190</td> <td>MGL0910_07.0.p294</td> </tr> </tbody> </table>					P1	P2	MGL0910_07.0.p190	MGL0910_07.0.p294								
P1	P2															
MGL0910_07.0.p190	MGL0910_07.0.p294															
Posnet locations & remarks: good - none - intermittent		Acoustic remarks:														
Fallbuoy #1	N/A	Gun string #1	good													
		Gun string #2	in-op													
		Gun string #3	in-op													
		Gun string #4	good													
		Toomey/V1 LMN	source_8m.SCN	Langseth.RTCN												
		SP spacing:	450.0m	recording length: N/Asec.												
line status:		Line Complete														







Line Name: MGL0910_16		NAVIGATION		DATE: 2009-09-01					
Seq# 013		Line Brg : 17.5 °		JULIAN DAY: 244					
CLIENT: National Science Foundation			SURVEY: E-TOMO		MGL0910				
DC SOL : 1.5m		DEPTH SOL : 2592.7m		NAVIGATION SYSTEM USED: C-Nav - Primary					
DC EOL : 1.4m		DEPTH EOL : 2706.7m		NAVIGATION SYSTEM USED: SeaPath 200					
SMG SOL: 4.8 knots		FEATHER SOL: N/A *		NAVIGATION SYSTEM USED: Posnet					
SMG EOL: 4.7 knots		FEATHER EOL: N/A *		GRAVITY METER: BGM-3: used					
WEATHER		MAX FEATHER: N/A *		MAGNETOMETER: GeoMetrics 882					
WIND SOL: 22.9 knots				MAG DEC USED : 16.42°					
WIND EOL: 22.7 knots									
SEAS SOL: 1-2m		19:00 - 07:00 utc => David Martinson, Ryan Eaton							
SEAS EOL: 1-2m		07:00 - 19:00 utc => Bern McKiernan, David Ng							
UTC	SP	EVENT	COMMENTS	VESSEL POSITION					
01:08	13019	FSP	Start of line	SP	Latitude (N)				
01:41	13030	OBS	Crossing OBS S42	Longitude (W)					
02:29	13046	OBS	Crossing OBS S43	FGSP	13019 47° 42.7562' 129° 11.9887'				
03:12	13060	OBS	Crossing OBS S44	LGSP	13156 48° 14.4797' 128° 57.0683'				
03:45	13071	OBS	Crossing OBS S45	NAVIGATION OFFSET APPLIED					
04:19	13082	OBS	Crossing OBS S46	NRP - Stern	4.20m				
04:46	13094	OBS	Crossing OBS S47	NRP - COS	193.70m				
05:30	13105	OBS	Crossing OBS S48	NRP - CNG	N/A				
06:03	13116	OBS	Crossing OBS S49	COS - CNG	N/A				
06:46	13130	OBS	Crossing OBS S50	NRP - CMP	N/A				
07:38	13147	OBS	Crossing OBS S51	Note: LMN line parameter set to great circle line.					
08:06	13156	LSPLGSP	End of line	<table border="1"> <tr> <th>P1</th> <th>P2</th> </tr> <tr> <td>MGL0910_13.0.p190</td> <td>MGL0910_13.0.p190</td> </tr> </table>		P1	P2	MGL0910_13.0.p190	MGL0910_13.0.p190
P1	P2								
MGL0910_13.0.p190	MGL0910_13.0.p190								
Person locations & remarks: good - none - intermittent			Acoustic remarks:	Toomey/V1 LMN source_8m.SCN Langseth.RTCN					
Fallbuoy #1	NA	Gun string #1 good		SP spacing: 450.0m	recording length: N/Asec.				
		Gun string #2 in-op		line status: Line Complete					
		Gun string #3 in-op							
		Gun string #4 good							

<b>Seq# 014</b>		Line Name: <b>MGL0910_23</b> Line Brg : <b>197.6 °</b>	<b>NAVIGATION</b> <b>LINE LOGS</b>	DATE: <b>2009-09-01</b> JULIAN DAY: <b>244</b>				
CLIENT: <b>National Science Foundation</b>		SURVEY: <b>E-TOMO</b>		<b>MGL0910</b>				
DC SOL : 26.3m DC EOL : -2.7m SMG SOL: 3.4 knots SMG EOL: 4.7 knots <b>WEATHER</b> WIND SOL: 14.3 knots WIND EOL: 5.9 knots SEAS SOL: 1-2m SEAS EOL: 1m	DEPTH SOL : 2234.6m DEPTH EOL : 2600.9m FEATHER SOL: N/A * FEATHER EOL: N/A * MAX FEATHER: N/A *	NAVIGATION SYSTEM USED: <b>C-Nav - Primary</b> NAVIGATION SYSTEM USED: <b>SeaPath 200</b> NAVIGATION SYSTEM USED: <b>Posnet</b> GRAVITY METER: <b>BGM-3: used</b> MAGNETOMETER: <b>GeoMetrics 882</b> MAG DEC USED : <b>16.42°</b>						
19:00 - 07:00 utc => David Martinson, Ryan Eaton 07:00 - 19:00 utc => Bern McKiernan, David Ng								
UTC	SP	EVENT	COMMENTS					
10:41	14157	FSP	Start of line -- strings 1 and 2 only -- volume 366					
17:43	14021	LSP/LGSP	End of line					
			<b>VESEL POSITION</b>					
			SP	Latitude (N)				
			Longitude (W)					
			FGSP	14157 48° 15.5766'				
			LGSP	14021 47° 44.0841'				
			<b>NAVIGATION OFFSET APPLIEE</b>					
			NRP - Stern	4.20m				
			NRP - COS	193.70m				
			NRP - CNG	N/A				
			COS - CNG	N/A				
			NRP - CMP	N/A				
Note: LMN line parameter set to great circle line.								
			<table border="1" style="margin: auto;"> <tr> <td style="padding: 2px;">P1</td> <td style="padding: 2px;">P2</td> </tr> <tr> <td style="padding: 2px; font-size: 8px;">MGL0910_23.0.p190</td> <td style="padding: 2px; font-size: 8px;">MGL0910_23.0.p204</td> </tr> </table>		P1	P2	MGL0910_23.0.p190	MGL0910_23.0.p204
P1	P2							
MGL0910_23.0.p190	MGL0910_23.0.p204							
Posnet locations & remarks: good - none - intermittent		Acoustic remarks:						
Fallbuoy #1	N/A	Gun string #1 Gun string #2 Gun string #3 Gun string #4	good in-op in-op good	Toomey/V1 LMN source_8m.SCN Langseth.RTCN SP spacing: 450.0m recording length: N/Asec.				
			line status:	<b>Line Complete</b>				











<b>Seq# 020</b>		Line Name: <b>MGL0910_24</b>		<b>NAVIGATION</b>		DATE: 2009-09-03					
		Line Brg : 197.6 °		<b>LINE LOGS</b>		JULIAN DAY: 246					
CLIENT: National Science Foundation				SURVEY: E-TOMO		MGL0910					
DC SOL : -3.6m		DEPTH SOL : 2040.2m		NAVIGATION SYSTEM USED: C-Nav - Primary							
DC EOL : 16.1m		DEPTH EOL : 2391.3m		NAVIGATION SYSTEM USED: SeaPath 200							
SMG SOL: 4.8 knots		FEATHER SOL: N/A *		NAVIGATION SYSTEM USED: Posnet							
SMG EOL: 4.5 knots		FEATHER EOL: N/A *		GRAVITY METER: BGM-3: used							
<b>WEATHER</b>		MAX FEATHER: N/A *		MAGNETOMETER: GeoMetrics 882							
WIND SOL: 11.2 knots				MAG DEC USED : 16.42°							
WIND EOL: 24 knots											
SEAS SOL: 0-1m		19:00 - 07:00 utc => David Martinson, Ryan Eaton									
SEAS EOL: 1.0m		07:00 - 19:00 utc => Bern McKiernan, David Ng									
				<b>COMMENTS</b>							
UTC	SP	EVENT									
12:23	20157	FSP	Start of line								
13:18	20139	OBS	OBS Crossing S63								
14:10	20122	OBS	OBS Crossing S62								
15:02	20105	OBS	OBS Crossing S61								
15:52	20089	OBS	OBS Crossing W66								
16:39	20072	OBS	OBS Crossing S59								
17:30	20055	OBS	OBS Crossing W58								
18:22	20038	OBS	OBS Crossing S57								
19:16	20021	LSP	End of line								
				<b>VESEL POSITION</b>							
				SP	Latitude (N)	Longitude (W)					
				FGSP	20157	48° 15.7340'	129° 03.2248'				
				LGSP	20021	47° 44.2490'	129° 18.0734'				
				<b>NAVIGATION OFFSET APPLIED</b>							
				NRP - Stern	4.20m						
				NRP - COS	193.70m						
				NRP - CNG	N/A						
				COS - CNG	N/A						
				NRP - CMP	N/A						
Note: LMN line parameter set to great circle line.											
				<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>P1</td> <td>P2</td> </tr> <tr> <td>MGL0910_24.0.p190</td> <td>MGL0910_24.0.p204</td> </tr> </table>				P1	P2	MGL0910_24.0.p190	MGL0910_24.0.p204
P1	P2										
MGL0910_24.0.p190	MGL0910_24.0.p204										
<b>Point locations &amp; remarks: good - none - intermittent</b>			<b>Acoustic remarks:</b>								
Failbuoy #1	NA	Gun string #1	#-op	ToomeyV1.LMN source_8m.SCN Langseth.RTCN							
		Gun string #2	good	SP spacing: 450.0m recording length: N/Assec							
		Gun string #3	good	line status: <b>Line Complete</b>							
		Gun string #4	good								

<b>Seq# 021</b>		Line Name: <b>MGL0910_21</b>		<b>NAVIGATION</b>		DATE: 2009-09-03					
		Line Brg : 17.5 °		<b>LINE LOGS</b>		JULIAN DAY: 246					
CLIENT: National Science Foundation				SURVEY: E-TOMO		MGL0910					
DC SOL : 80.3m DC EOL : 2.6m SMG SOL: 3.9 knots SMG EOL: 4.5 knots		DEPTH SOL : 2625.3m DEPTH EOL : 2526.9m FEATHER SOL: N/A * FEATHER EOL: N/A * MAX FEATHER: N/A *		NAVIGATION SYSTEM USED: C-Nav - Primary NAVIGATION SYSTEM USED: SeaPath 200 NAVIGATION SYSTEM USED: Posnet GRAVITY METER: BGM-3: used MAGNETOMETER: GeoMetrics 882 MAG DEC USED : 16.42°							
WEATHER WIND SOL: 16 knots WIND EOL: 25 knots SEAS SOL: 1.0m SEAS EOL: 2.0m		19:00 - 07:00 utc => David Martinson, Ryan Eaton 07:00 - 19:00 utc => Bern McKiernan, David Ng									
		<b>COMMENTS</b>									
UTC	SP	EVENT									
19:53	21020	FSP	Start of line								
02:41	21156	LSP	End of line								
			VESSEL POSITION								
			SP	Latitude (N)	Longitude (W)						
			FGSP	21020	47° 43.7860'	129° 15.6759'					
			LGSP	21156	48° 15.2870'	129° 00.9006'					
			NAVIGATION OFFSET APPLIED								
			NRP - Stern				4.20m				
			NRP - COS				193.70m				
			NRP - CNG				N/A				
			COS - CNG				N/A				
			NRP - CMP				N/A				
Note: LMN line parameter set to great circle line.											
			<table border="1" style="margin: auto;"> <tr> <td>P1</td> <td>P2</td> </tr> <tr> <td>MGL0910_21.0.p190</td> <td>MGL0910_21.0.p294</td> </tr> </table>					P1	P2	MGL0910_21.0.p190	MGL0910_21.0.p294
P1	P2										
MGL0910_21.0.p190	MGL0910_21.0.p294										
Posnet locations & remarks: good - none - intermittent			Acoustic remarks:								
Fallbuoy #1	NA	Gun string #1	fr-op	ToomeyV1.LMN				source_8m.SCN	Langseth.RTCN		
		Gun string #2	good	SP spacing: 450.0m				recording length: N/Assec			
		Gun string #3	good	line status:				Line Complete			
		Gun string #4	good								





<b>Seq# 024</b>		<b>Line Name:</b> MGL0910_12	<b>NAVIGATION</b>	<b>DATE:</b> 2009-09-04																																								
		<b>Line Brg :</b> 197 °	<b>LINE LOGS</b>	<b>JULIAN DAY:</b> 247																																								
<b>CLIENT:</b> National Science Foundation		<b>SURVEY:</b> E-TOMO	<b>MGL0910</b>																																									
DC SOL : 41.8m DC EOL : -1.1m SMG SOL: 4.2 knots SMG EOL: knots <b>WEATHER</b> WIND SOL: 8.8 knots WIND EOL: knots SEAS SOL: 1-2m SEAS EOL: 1-2m	DEPTH SOL : 2492.2m DEPTH EOL : 2581.0m FEATHER SOL: N/A * FEATHER EOL: N/A * MAX FEATHER: N/A *	NAVIGATION SYSTEM USED: C-Nav - Primary NAVIGATION SYSTEM USED: SeaPath 200 NAVIGATION SYSTEM USED: Posnet GRAVITY METER: BGM-3: used MAGNETOMETER: GeoMetrics 882 MAG DEC USED : 16.42°																																										
		19:00 - 07:00 utc => David Martinson, Ryan Eaton 07:00 - 19:00 utc => Bern McKiernan, David Ng																																										
<b>UTC</b>	<b>SP</b>	<b>EVENT</b>	<b>COMMENTS</b>																																									
19:51	24158	FSP	Start of line																																									
22:37	24111	OBS	Crossing OB S41																																									
23:14	24100	OBS	Crossing OB S40																																									
23:48	24090	OBS	Crossing OB S39																																									
03:21	24021	LSP	End of line																																									
			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="3">VESSEL POSITION</th> </tr> <tr> <td></td> <td>SP</td> <td>Latitude (N)</td> </tr> <tr> <td>FGSP</td> <td>24158</td> <td>48° 14.0252'</td> </tr> <tr> <td></td> <td></td> <td>Longitude (W)</td> </tr> <tr> <td>LGSP</td> <td>24021</td> <td>47° 42.3001'</td> </tr> <tr> <td></td> <td></td> <td>129° 08.8323'</td> </tr> <tr> <td colspan="3">NAVIGATION OFFSET APPLIED</td> </tr> <tr> <td>NRP - Stern</td> <td></td> <td>4.20m</td> </tr> <tr> <td>NRP - COS</td> <td></td> <td>193.70m</td> </tr> <tr> <td>NRP - CNG</td> <td></td> <td>N/A</td> </tr> <tr> <td>COS - CNG</td> <td></td> <td>N/A</td> </tr> <tr> <td>NRP - CMP</td> <td></td> <td>N/A</td> </tr> </table> <p>Note: LMN line parameter set to great circle line.</p> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 20px;"> <tr> <td style="text-align: center;">P1</td> <td style="text-align: center;">P2</td> </tr> <tr> <td style="text-align: center;">MGL0910_12.0.p190</td> <td style="text-align: center;">MGL0910_12.0.p294</td> </tr> </table>		VESSEL POSITION				SP	Latitude (N)	FGSP	24158	48° 14.0252'			Longitude (W)	LGSP	24021	47° 42.3001'			129° 08.8323'	NAVIGATION OFFSET APPLIED			NRP - Stern		4.20m	NRP - COS		193.70m	NRP - CNG		N/A	COS - CNG		N/A	NRP - CMP		N/A	P1	P2	MGL0910_12.0.p190	MGL0910_12.0.p294
VESSEL POSITION																																												
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FGSP	24158	48° 14.0252'																																										
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LGSP	24021	47° 42.3001'																																										
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NRP - Stern		4.20m																																										
NRP - COS		193.70m																																										
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COS - CNG		N/A																																										
NRP - CMP		N/A																																										
P1	P2																																											
MGL0910_12.0.p190	MGL0910_12.0.p294																																											
<b>Point locations &amp; remarks:</b> good - none - intermittent		<b>Acoustic remarks:</b>																																										
Fallbuoy #1	NA	Gun string #1	if-op																																									
		Gun string #2	good																																									
		Gun string #3	good																																									
		Gun string #4	good																																									
		ToomeyV1.LMN source_8m.SCN Langseth.RTCN																																										
		SP spacing: 450.0m recording length: N/Assec																																										
		line status: Line Complete																																										







<b>Seq# 028</b>		Line Name: <b>MGL0910_08</b>		<b>NAVIGATION</b>		DATE: 2009-09-06					
		Line Brg : <b>197 °</b>		<b>LINE LOGS</b>		JULIAN DAY: 249					
CLIENT: National Science Foundation		SURVEY: E-TOMO		MGL0910							
DC SOL : -7.7m DC EOL : 1.1m SMG SOL: 4.0 knots SMG EOL: 5.0 knots <b>WEATHER</b> WIND SOL: 16.9 knots WIND EOL: 7.6 knots SEAS SOL: 1-2m SEAS EOL: 2-3m		DEPTH SOL : 2492.6m DEPTH EOL : 2595.4m FEATHER SOL: N/A * FEATHER EOL: N/A * MAX FEATHER: N/A *		NAVIGATION SYSTEM USED: C-Nav - Primary NAVIGATION SYSTEM USED: SeaPath 200 NAVIGATION SYSTEM USED: Posnet GRAVITY METER: BGM-3: used MAGNETOMETER: GeoMetrics 882 MAG DEC USED : 16.42°							
		19:00 - 07:00 utc => David Martinson, Ryan Eaton 07:00 - 19:00 utc => Bern McKiernan, David Ng									
		<b>COMMENTS</b>									
UTC	SP	EVENT		<b>VESSEL POSITION</b>							
04:18	28159	FSP	Start of line		SP	Latitude (N)	Longitude (W)				
07:15	28105	OBS	OBS Crossing S34 (-500m away)	FGSP	28159	48° 13.6000'	128° 50.7008'				
11:33	28021	LSPLGSP	End of line	LGSP	28021	47° 41.6516'	129° 05.7587'				
				<b>NAVIGATION OFFSET APPLIED</b>							
				NRP - Stern			4.20m				
				NRP - COS			193.70m				
				NRP - CNG			N/A				
				COS - CNG			N/A				
				NRP - CMP			N/A				
Note: LMN line parameter set to great circle line.											
				<table border="1" style="margin: auto;"> <tr> <td>P1</td> <td>P2</td> </tr> <tr> <td>MGL0910_08.0.p190</td> <td>MGL0910_08.0.p294</td> </tr> </table>				P1	P2	MGL0910_08.0.p190	MGL0910_08.0.p294
P1	P2										
MGL0910_08.0.p190	MGL0910_08.0.p294										
<b>Posnet locations &amp; remarks:</b> good - none - intermittent		<b>Acoustic remarks:</b>		ToomeyV1.LMN source_8m.SCN Langseth.RTCN							
Fallbuoy #1	NA	Gun string #1	fr-op	SP spacing: 450.0m recording length: N/Assec							
		Gun string #2	good	<b>line status:</b> <span style="float: right;">Line Complete</span>							
		Gun string #3	good								
		Gun string #4	good								



<b>Seq# 030</b>		Line Name: <b>MGL0910_29</b>	<b>NAVIGATION</b>	DATE: 2009-09-06				
		Line Brg : 197.6 °	<b>LINE LOGS</b>	JULIAN DAY: 249				
CLIENT: National Science Foundation		SURVEY: E-TOMO		MGL0910				
DC SOL : 31.4m DC EOL : -15.1m SMG SOL: 4.7 knots SMG EOL: 4.1 knots <b>WEATHER</b> WIND SOL: 10.9 knots WIND EOL: 20.1 knots SEAS SOL: 2-3m SEAS EOL: 2-3m		DEPTH SOL : 2337.9m DEPTH EOL : 4234.3m FEATHER SOL: N/A * FEATHER EOL: N/A * MAX FEATHER: N/A *		NAVIGATION SYSTEM USED: C-Nav - Primary NAVIGATION SYSTEM USED: SeaPath 200 NAVIGATION SYSTEM USED: Posnet GRAVITY METER: BGM-3: used MAGNETOMETER: GeoMetrics 882 MAG DEC USED : 16.42°				
19:00 - 07:00 utc => David Martinson, Ryan Eaton 07:00 - 19:00 utc => Bern McKiernan, David Ng								
UTC	SP	EVENT	COMMENTS					
18:40	30112	FSP	Start of line					
21:08	30066	LSP	End of line					
				<b>VESSEL POSITION</b>				
		SP	Latitude (N)	Longitude (W)				
		FGSP	30112	48° 03.8457'				
		LGSP	30066	129° 05.8059'				
NAVIGATION OFFSET APPLIED								
		NRP - Stern	4.20m					
		NRP - COS	193.70m					
		NRP - CNG	N/A					
		COS - CNG	N/A					
		NRP - CMP	N/A					
Note: LMN line parameter set to great circle line.								
				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">P1</td> <td style="text-align: center;">P2</td> </tr> <tr> <td style="text-align: center;">MGL0910_29.0.p190</td> <td style="text-align: center;">MGL0910_29.0.p294</td> </tr> </table>	P1	P2	MGL0910_29.0.p190	MGL0910_29.0.p294
P1	P2							
MGL0910_29.0.p190	MGL0910_29.0.p294							
Point locations & remarks: good - none - intermittent		Acoustic remarks:						
Faliboy #1	NA	Gun string #1	in-op					
		Gun string #2	good					
		Gun string #3	good					
		Gun string #4	good					
				ToomeyV1.LMN source_8m.SCN Langseth.RTCN				
				SP spacing: 450.0m recording length: N/Assec				
				line status: Line Complete				



Line Name: MGL0910_35		NAVIGATION		DATE: 2009-09-07																	
Seq# 032		Line Brg : 197 °		JULIAN DAY: 250																	
CLIENT: National Science Foundation		SURVEY: E-TOMO		MGL0910																	
DC SOL : -89.4m DC EOL : -12.7m SMG SOL: 4.5 knots SMG EOL: 4.8 knots <b>WEATHER</b> WIND SOL: 24.7 knots WIND EOL: 25.5 knots SEAS SOL: 2-3m SEAS EOL: 2-3m		DEPTH SOL : 2522.2m DEPTH EOL : 2507.2m FEATHER SOL: N/A * FEATHER EOL: N/A * MAX FEATHER: N/A *		NAVIGATION SYSTEM USED: C-Nav - Primary NAVIGATION SYSTEM USED: SeaPath 200 NAVIGATION SYSTEM USED: Posnet GRAVITY METER: BGM-3: used MAGNETOMETER: GeoMetrics 882 MAG DEC USED : 16.42°																	
19:00 - 07:00 utc => David Martinson, Ryan Eaton 07:00 - 19:00 utc => Bern McKiernan, David Ng																					
UTC	SP	EVENT	COMMENTS																		
00:39	32113	FSP	Start of line																		
03:05	32066	LSP	End of line																		
			<table border="1"> <thead> <tr> <th colspan="3">VESSEL POSITION</th> </tr> <tr> <th>SP</th> <th>Latitude (N)</th> <th>Longitude (W)</th> </tr> </thead> <tbody> <tr> <td>FGSP</td> <td>32113</td> <td>48° 05.0310'</td> </tr> <tr> <td>LGSP</td> <td>32066</td> <td>47° 54.0623'</td> </tr> </tbody> </table>			VESSEL POSITION			SP	Latitude (N)	Longitude (W)	FGSP	32113	48° 05.0310'	LGSP	32066	47° 54.0623'				
VESSEL POSITION																					
SP	Latitude (N)	Longitude (W)																			
FGSP	32113	48° 05.0310'																			
LGSP	32066	47° 54.0623'																			
			<table border="1"> <thead> <tr> <th colspan="2">NAVIGATION OFFSET APPLIED</th> </tr> </thead> <tbody> <tr> <td>NRP - Stern</td> <td>4.20m</td> </tr> <tr> <td>NRP - COS</td> <td>193.70m</td> </tr> <tr> <td>NRP - CNG</td> <td>N/A</td> </tr> <tr> <td>COS - CNG</td> <td>N/A</td> </tr> <tr> <td>NRP - CMP</td> <td>N/A</td> </tr> </tbody> </table>			NAVIGATION OFFSET APPLIED		NRP - Stern	4.20m	NRP - COS	193.70m	NRP - CNG	N/A	COS - CNG	N/A	NRP - CMP	N/A				
NAVIGATION OFFSET APPLIED																					
NRP - Stern	4.20m																				
NRP - COS	193.70m																				
NRP - CNG	N/A																				
COS - CNG	N/A																				
NRP - CMP	N/A																				
Note: LMN line parameter set to great circle line.																					
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P1	P2																				
MGL0910_35.0.p190	MGL0910_35.0.p294																				
<b>Posnet locations &amp; remarks:</b> good - none - intermittent <table border="1"> <thead> <tr> <th>Failbuoy #1</th> <th>NA</th> <th>Gun string #1</th> <th>if-op</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>Gun string #2</td> <td>good</td> </tr> <tr> <td></td> <td></td> <td>Gun string #3</td> <td>good</td> </tr> <tr> <td></td> <td></td> <td>Gun string #4</td> <td>good</td> </tr> </tbody> </table>			Failbuoy #1	NA	Gun string #1	if-op			Gun string #2	good			Gun string #3	good			Gun string #4	good	<b>Acoustic remarks:</b> ToomeyV1.LMN source_8m.SCN Langseth.RTCN SP spacing: 450.0m recording length: N/Assec <b>line status:</b> Line Complete		
Failbuoy #1	NA	Gun string #1	if-op																		
		Gun string #2	good																		
		Gun string #3	good																		
		Gun string #4	good																		

<b>Seq# 033</b>		Line Name: <b>MGL0910_31</b>	<b>NAVIGATION</b>	DATE: 2009-09-07												
		Line Brg : 17.5 °	<b>LINE LOGS</b>	JULIAN DAY: 250												
CLIENT: National Science Foundation		SURVEY: E-TOMO		MGL0910												
DC SOL : 19.2m DC EOL : -11.7m SMG SOL: 4.1 knots SMG EOL: 4.0 knots <b>WEATHER</b> WIND SOL: 24.7 knots WIND EOL: 16.0 knots SEAS SOL: 2-3m SEAS EOL: 2-3m		DEPTH SOL : 2352.6m DEPTH EOL : 2434.0m FEATHER SOL: N/A * FEATHER EOL: N/A * MAX FEATHER: N/A *		NAVIGATION SYSTEM USED: C-Nav - Primary NAVIGATION SYSTEM USED: SeaPath 200 NAVIGATION SYSTEM USED: Posnet GRAVITY METER: BGM-3: used MAGNETOMETER: GeoMetrics 882 MAG DEC USED : 16.42°												
		19:00 - 07:00 utc => David Martinson, Ryan Eaton 07:00 - 19:00 utc => Bern McKiernan, David Ng														
UTC	SP	EVENT	COMMENTS													
03:52	33064	FSP	Start of line													
06:32	33111	LSP	End of line													
		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">VESSEL POSITION</th> </tr> <tr> <th style="text-align: center;">SP</th> <th style="text-align: center;">Latitude (N)</th> <th style="text-align: center;">Longitude (W)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">FGSP</td> <td style="text-align: center;">33064</td> <td style="text-align: center;">47° 53.2462'</td> </tr> <tr> <td style="text-align: center;">LGSP</td> <td style="text-align: center;">33111</td> <td style="text-align: center;">129° 02.3630'</td> </tr> </tbody> </table>			VESSEL POSITION			SP	Latitude (N)	Longitude (W)	FGSP	33064	47° 53.2462'	LGSP	33111	129° 02.3630'
VESSEL POSITION																
SP	Latitude (N)	Longitude (W)														
FGSP	33064	47° 53.2462'														
LGSP	33111	129° 02.3630'														
		NAVIGATION OFFSET APPLIED														
		NRP - Stern	4.20m													
		NRP - COS	193.70m													
		NRP - CNG	N/A													
		COS - CNG	N/A													
		NRP - CMP	N/A													
Note: LMN line parameter set to great circle line.																
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P1	P2															
MGL0910_31.0.p190	MGL0910_31.0.p294															
Posnet locations & remarks: good - none - intermittent		Acoustic remarks:														
Faliboy #1	NA	Gun string #1	in-op													
		Gun string #2	good													
		Gun string #3	good													
		Gun string #4	good													
		ToomeyV1.LMN source_8m.SCN Langseth.RTCN														
		SP spacing: 450.0m recording length: N/Assec														
		line status: <b>Line Complete</b>														









<b>Seq# 038</b>		Line Name: <b>MGL0910_34</b>	<b>NAVIGATION</b>	DATE: 2009-09-07												
		Line Brg : 197 °	<b>LINE LOGS</b>	JULIAN DAY: 250												
CLIENT: National Science Foundation		SURVEY: E-TOMO		MGL0910												
DC SOL : -73.3m DC EOL : -3.4m SMG SOL: 3.9 knots SMG EOL: 4.9 knots <b>WEATHER</b> WIND SOL: 11.4 knots WIND EOL: 10.3 knots SEAS SOL: 1-2m SEAS EOL: 1-2m	DEPTH SOL : 2503.8m DEPTH EOL : 2370.6m FEATHER SOL: N/A * FEATHER EOL: N/A * MAX FEATHER: N/A *	NAVIGATION SYSTEM USED: C-Nav - Primary NAVIGATION SYSTEM USED: SeaPath 200 NAVIGATION SYSTEM USED: Posnet GRAVITY METER: BGM-3: used MAGNETOMETER: GeoMetrics 882 MAG DEC USED : 16.42°														
19:00 – 07:00 utc => David Martinson, Ryan Eaton 07:00 – 19:00 utc => Bern McKiernan, David Ng																
UTC	SP	EVENT	COMMENTS													
20:08	38112	FSP	Start of line (~300m away from line)													
22:24	38066	LSP	End of line													
		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">VESSEL POSITION</th> </tr> <tr> <th style="text-align: center;">SP</th> <th style="text-align: center;">Latitude (N)</th> <th style="text-align: center;">Longitude (W)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">FGSP</td> <td style="text-align: center;">38112</td> <td style="text-align: center;">48° 04.6401'</td> </tr> <tr> <td style="text-align: center;">LGSP</td> <td style="text-align: center;">38066</td> <td style="text-align: center;">47° 54.0013'</td> </tr> </tbody> </table>			VESSEL POSITION			SP	Latitude (N)	Longitude (W)	FGSP	38112	48° 04.6401'	LGSP	38066	47° 54.0013'
VESSEL POSITION																
SP	Latitude (N)	Longitude (W)														
FGSP	38112	48° 04.6401'														
LGSP	38066	47° 54.0013'														
		NAVIGATION OFFSET APPLIED														
		NRP - Stern	4.20m													
		NRP - COS	193.70m													
		NRP - CNG	N/A													
		COS - CNG	N/A													
		NRP - CMP	N/A													
Note: LMN line parameter set to great circle line.																
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P1	P2															
MGL0910_34.0.p190	MGL0910_34.0.p294															
Point locations & remarks: good - none - intermittent		Acoustic remarks:														
Faliboy #1	NA	Gun string #1	in-op													
		Gun string #2	good													
		Gun string #3	good													
		Gun string #4	good													
		ToomeyV1.LMN source_8m.SCN Langseth.RTCN														
		SP spacing: 450.0m recording length: N/Assec														
		line status: Complete														







Line Name: MGL0910_05A		NAVIGATION		DATE: 2009-09-09	
Seq# 042		LINE LOGS		JULIAN DAY: 252	
CLIENT: National Science Foundation			SURVEY: E-TOMO		MGL0910
DC SOL : -14.5m		DEPTH SOL : 2776.7m		NAVIGATION SYSTEM USED: C-Nav - Primary	
DC EOL : 3.2m		DEPTH EOL : 2520.7m		NAVIGATION SYSTEM USED: SeaPath 200	
SMG SOL: 4.3 knots		FEATHER SOL: N/A *		NAVIGATION SYSTEM USED: Posnet	
SMG EOL: 3.8 knots		FEATHER EOL: N/A *		GRAVITY METER: BGM-3: used	
WEATHER		MAX FEATHER: N/A *		MAGNETOMETER: GeoMetrics 882	
WIND SOL: 11.4 knots				MAG DEC USED : 16.42°	
WIND EOL: 12.8 knots					
SEAS SOL: 1-2m		19:00 - 07:00 utc => David Martinson, Ryan Eaton			
SEAS EOL: 1-2m		07:00 - 19:00 utc => Bern McKiernan, David Ng			
UTC	SP	EVENT	COMMENTS	VESSEL POSITION	
18:32	42013	FSP	Start of line	SP	Latitude (N)
18:41	42016	FGSP	First good shot point	Longitude (W)	
19:31	42032	OBS	Crossing OBS W18	FGSP	42016 47° 32.1192'
20:32	42051	OBS	Crossing OBS W20	LGSP	42260 48° 25.9868'
22:04	42080	OBS	Crossing OBS W21	NAVIGATION OFFSET APPLIED	
23:28	42104	OBS	Crossing OBS W22	NRP - Stern	4.20m
00:51	42128	OBS	Crossing OBS W23	NRP - COS	193.70m
02:11	42151	OBS	Crossing OBS W24	NRP - CNG	N/A
03:35	42175	OBS	Crossing OBS W25	COS - CNG	N/A
04:39	42199	OBS	Crossing OBS W26	NRP - CMP	N/A
06:00	42216	SHOTERROR	Shot 42217 missing d/t wp change to correct line shotpoint spacin	Note: LMN line parameter set to great circle line.	
06:19	42219	OBS	Crossing OBS W27		
08:33	42260	OBS	Crossing OBS W28		
08:33	42260	LSPLGSP	End of line		
Point locations & remarks: good - none - intermittent			Acoustic remarks:		
Fallbuoy #1	NA	Gun string #1	good	ToomeyV1.LMN	source_8m.SCN
		Gun string #2	good		Langseth.RTCN
		Gun string #3	in-op	SP spacing: 420.0m	recording length: N/Assec
		Gun string #4	good	line status: Line Complete	

<b>Seq# 043</b>		Line Name: <b>MGL0910_06</b>		<b>NAVIGATION</b>	DATE: 2009-09-10																														
		Line Brg : <b>185.6 °</b>		<b>LINE LOGS</b>	JULIAN DAY: 253																														
CLIENT: National Science Foundation		SURVEY: E-TOMO		MGL0910																															
DC SOL : 40.9m DC EOL : 6.8m SMG SOL: 4.8 knots SMG EOL: 4.6 knots <b>WEATHER</b> WIND SOL: 21.1 knots WIND EOL: 20.4 knots SEAS SOL: 1-2m SEAS EOL: 1-2m		DEPTH SOL : 2494.0m DEPTH EOL : 2774.7m FEATHER SOL: N/A * FEATHER EOL: N/A * MAX FEATHER: N/A *		NAVIGATION SYSTEM USED: C-Nav - Primary NAVIGATION SYSTEM USED: SeaPath 200 NAVIGATION SYSTEM USED: Posnet GRAVITY METER: BGM-3: used MAGNETOMETER: GeoMetrics 882 MAG DEC USED : 16.42°																															
		19:00 - 07:00 utc => David Martinson, Ryan Eaton 07:00 - 19:00 utc => Bern McKiernan, David Ng																																	
		<b>COMMENTS</b>																																	
UTC	SP	EVENT																																	
10:36	43229	FSP	Start of line																																
22:32	43021	LSP	End of line																																
			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="3">VESSEL POSITION</th> </tr> <tr> <td></td> <td>SP</td> <td>Longitude (W)</td> </tr> <tr> <td>FGSP</td> <td>43229</td> <td>48° 29.1311'</td> </tr> <tr> <td>LGSP</td> <td>43021</td> <td>47° 33.2755'</td> </tr> <tr> <td colspan="3" style="text-align: center;">NAVIGATION OFFSET APPLIED</td> </tr> <tr> <td>NRP - Stern</td> <td></td> <td>4.20m</td> </tr> <tr> <td>NRP - COS</td> <td></td> <td>193.70m</td> </tr> <tr> <td>NRP - CNG</td> <td></td> <td>N/A</td> </tr> <tr> <td>COS - CNG</td> <td></td> <td>N/A</td> </tr> <tr> <td>NRP - CMP</td> <td></td> <td>N/A</td> </tr> </table>			VESSEL POSITION				SP	Longitude (W)	FGSP	43229	48° 29.1311'	LGSP	43021	47° 33.2755'	NAVIGATION OFFSET APPLIED			NRP - Stern		4.20m	NRP - COS		193.70m	NRP - CNG		N/A	COS - CNG		N/A	NRP - CMP		N/A
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			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>P1</th> <th>P2</th> </tr> <tr> <td>MGL0910_06.0.p190</td> <td>MGL0910_06.0.p294</td> </tr> </table>			P1	P2	MGL0910_06.0.p190	MGL0910_06.0.p294																										
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MGL0910_06.0.p190	MGL0910_06.0.p294																																		
Point locations & remarks: good - none - intermittent		Acoustic remarks:		ToomeyV1.LMN source_8m.SCN Langseth.RTCN																															
Faliboy #1 NA Gun string #1 Gun string #2 Gun string #3 Gun string #4	good good in-op good			SP spacing: 500.0m recording length: N/Assec	line status: <b>Line Complete</b>																														



