
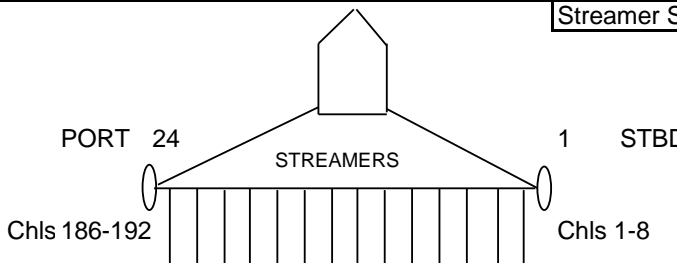


Lamont-Doherty Earth Observatory COLUMBIA UNIVERSITY EARTH INSTITUTE		P-CABLE FIELD LOG / SEISMIC OBSERVERS REPORT									
Date: 07-07-2014		Line Number: MGL14051876OL		Water Depth(m): 52.5m							
Client: Greg Mountain		Line Azimuth:		Mean Velocity:							
Area: NJ -CS		Sequence No 5		Vessel Speed: 3.7							
Vessel: R/V Marcus G Langs		Observers: Raul Perez / Robert Koprowski		Sea State: 1-2m							
Recording System:				Source:		Streamers:					
Model: Geometrics CNT-2		Low Cut Filter: NA		Type: Bolt 1500 and 1900		Type: GeoEel Solid					
Recording Format: SEG-D		High Cut Filter: NA		Array Size: 700 cu in		Sensitivity: 20 µv/µBar					
Recording Media: Hard Disk		Aux Ch 1: Time Break		Power(barM): NA		Streamers: 24					
Record Length: 4 sec		Aux Ch 2: Source Phone		Tow Depth: 4.5 m		Chls/Streamer: 8					
Sample Rate: 4 kHz		Aux Ch 3: SPSU Trig Out		Injector Delay: N/A		Total Chls: 192					
Preamp Gain: 18 dB		Aux Ch 4: Not used		Shot Interval: 12.5 m		Group Interval: 6.25 m					
FTB Static: 25.0 ms		FTB Source: HotShot		Pressure: 2000 psi		Tow Depth: 4.5 m nominal					
						Streamer Separation: 12.5 m nom.					
Physical Offsets: Reference Point: Stern CRP to Stern: 0 m Stern to Stbd Paravane: 250 m Stern to Port Paravane: 250 m Spread: 225 m Stern to Source: 190 m											
Recording File Name	Time UTC	Shot Point Number	FFID Number	Depth Stbd (m)	Depth Center (m)	Depth Port (m)	Water Depth (m)	Azimuth	Streamer Leakage	Remarks (SOL, EOL, sea state, problems, etc)	Additional Notes
	00:12		418				50.1		0.14	SOL MGL15041876OL late d/t operator error	
	01:53	2314	1374				32.1		0.14	Prop noise from vessel astern @ aprox. 5µBar.	
	02:01	2388	1455				30.9		0.14	Prop noise from vessel no longer visible on record	
	03:54	3573	2640				28.9		0.16	Prop noise from vessel ahead @ 5µBar	
	06:13	5141	4205				26.0		0.17	EOL MGL14051876OL	

P-CABLE FIELD LOG / SEISMIC OBSERVERS REPORT																	
Date: 07-08-2014		Line Number: MGL14052860OM	Water Depth(m): 28.25m														
Client: Greg Mountain		Line Azimuth:	Mean Velocity:														
Area: NJ -CS		Sequence No 6	Vessel Speed: 4.5														
Vessel: R/V Marcus G Lansg		Observers: Robert Koprowski / Raul Perez	1-2m														
Recording System:		Source:	Streamers:														
Model: Geometrics CNT-2	Low Cut Filter: NA	Type: Bolt 1500 and 1900	Type: GeoEel Solid														
Recording Format: SEG-D	High Cut Filter: NA	Array Size: 700 cu in	Sensitivity: 20 μ v/ μ Bar														
Recording Media: Hard Disk	Aux Ch 1: Time Break	Power(barM): NA	Streamers: 24														
Record Length: 4 sec	Aux Ch 2: Source Phone	Tow Depth: 4.5 m	Chls/Streamer: 8														
Sample Rate: 4 kHz	Aux Ch 3: SPSU Trig Out	Injector Delay: N/A	Total Chls: 192														
Preamp Gain: 18 dB	Aux Ch 4: Not used	Shot Interval: 12.5 m	Group Interval: 6.25 m														
FTB Static: 25.0 ms	FTB Source: HotShot	Pressure: 2000 psi	Tow Depth: 4.5 m nominal														
			Streamer Separation: 12.5 m nom.														
<table border="1"> <thead> <tr> <th colspan="2">Physical Offsets:</th> </tr> </thead> <tbody> <tr> <td>Reference Point:</td> <td>Stern</td> </tr> <tr> <td>CRP to Stern:</td> <td>0 m</td> </tr> <tr> <td>Stern to Stbd Paravane:</td> <td>250 m</td> </tr> <tr> <td>Stern to Port Paravane:</td> <td>250 m</td> </tr> <tr> <td>Spread:</td> <td>225 m</td> </tr> <tr> <td>Stern to Source:</td> <td>190 m</td> </tr> </tbody> </table>				Physical Offsets:		Reference Point:	Stern	CRP to Stern:	0 m	Stern to Stbd Paravane:	250 m	Stern to Port Paravane:	250 m	Spread:	225 m	Stern to Source:	190 m
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Stern to Source:	190 m																
Recording File Name	Time Local	Shot Point Number	FFID Number	Depth Stbd (m)	Depth Center (m)	Depth Port (m)	Water Depth (m)	Azimuth	Streamer Leakage	Remarks (SOL, EOL, sea state, problems, etc)	Additional Notes						
	07:24	5038	4206				28.02		0.17	SOL MGL15042860OM							
	08:10	4533	4693				27.53		0.17	Oredrive Error - Due to shallows							
	09:32	893	8384				57.70		0.13	Last good shotfile. All shots afterwardare bad dt OE							
										EOL MGL14052860OM							

P-CABLE FIELD LOG / SEISMIC OBSERVERS REPORT											
Date: 07-08-2014		Line Number: MGL14051948OM	Water Depth(m): 51.60m								
Client: Greg Mountain		Line Azimuth:	Mean Velocity:								
Area: NJ -CS		Sequence No 7	Vessel Speed: 4.5								
Vessel: R/V Marcus G Lansg		Observers: Robert Koprowski / Raul Perez	1-2m								
Recording System:		Source:	Streamers:								
Model: Geometrics CNT-2	Low Cut Filter: NA	Type: Bolt 1500 and 1900	Type: GeoEel Solid								
Recording Format: SEG-D	High Cut Filter: NA	Array Size: 700 cu in	Sensitivity: 20 μ v/ μ Bar								
Recording Media: Hard Disk	Aux Ch 1: Time Break	Power(barM): NA	Streamers: 24								
Record Length: 4 sec	Aux Ch 2: Source Phone	Tow Depth: 4.5 m	Chls/Streamer: 8								
Sample Rate: 4 kHz	Aux Ch 3: SPSU Trig Out	Injector Delay: N/A	Total Chls: 192								
Preamp Gain: 18 dB	Aux Ch 4: Not used	Shot Interval: 12.5 m	Group Interval: 6.25 m								
FTB Static: 25.0 ms	FTB Source: HotShot	Pressure: 2000 psi	Tow Depth: 4.5 m nominal								
			Streamer Separation: 12.5 m nom.								
Physical Offsets: Reference Point: Stern CRP to Stern: 0 m Stern to Stbd Paravane: 250 m Stern to Port Paravane: 250 m Spread: 225 m Stern to Source: 190 m											
Recording File Name	Time CST	Shot Point Number	FFID Number	Depth Stbd (m)	Depth Center (m)	Depth Port (m)	Water Depth (m)	Azimuth	Streamer Leakage	Remarks (SOL, EOL, sea state, problems, etc)	Additional Notes
	09:47	868	8392				51.60			SOL MGL15041948OM	
	09:49	884	8407							Suspended dt PSO Shutdown	
	09:53	928	8408				51.41		0.13	PSO Shutdown complete	
	10:12	1121	8591				49.06		0.16	Suspended dt PSO Shutdown	
	10:17	1164	8592				50.23		0.15	PSO Shutdown complete	
	10:17	1165	8593				49.57			Trigger Time threshold exceeded (single error)	
	15:23	1228	8656				50.53		0.17	Suspended dt PSO Shutdown	
	15:28	1277	8657				49.62		0.18	PSO Shutdown complete	
	18:48	3535	10915				30.33			Suspended dt PSO Shutdown	
	18:53	3594	10916				29.85			PSO Shutdown complete	
	19:11	3800	11322				27.5			Suspended dt PSO Shutdown	
	19:16	3857	11323				27.42			PSO Shutdown complete	
	2107	5143	12408				26.60		0.16	EOL	

		P-CABLE FIELD LOG / SEISMIC OBSERVERS REPORT																	
		Date: 07-08-2014		Line Number: MGL14052836OL		Water Depth(m): 26.6m													
		Client: Greg Mountain		Line Azimuth:		Mean Velocity:													
		Area: NJ -CS		Sequence No 7		Vessel Speed: 4.6													
		Vessel: R/V Marcus G Lansge		Observers: Robert Koprowski / Raul Perez		1-2m													
Recording System:				Source:		Streamers:													
Model: Geometrics CNT-2		Low Cut Filter: NA		Type: Bolt 1500 and 1900		Type: GeoEel Solid													
Recording Format: SEG-D		High Cut Filter: NA		Array Size: 700 cu in		Sensitivity: 20 µv/µBar													
Recording Media: Hard Disk		Aux Ch 1: Time Break		Power(barM): NA		Streamers: 24													
Record Length: 4 sec		Aux Ch 2: Source Phone		Tow Depth: 4.5 m		Chls/Streamer: 8													
Sample Rate: 4 kHz		Aux Ch 3: SPSU Trig Out		Injector Delay: N/A		Total Chls: 192													
Preamp Gain: 18 dB		Aux Ch 4: Not used		Shot Interval: 12.5 m		Group Interval: 6.25 m													
FTB Static: 25.0 ms		FTB Source: HotShot		Pressure: 2000 psi		Tow Depth: 4.5 m nominal													
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Recording File Name	Time Local	Shot Point Number	FFID Number	Depth Stbd (m)	Depth Center (m)	Depth Port (m)	Water Depth (m)	Azimuth	Streamer Leakage	Remarks (SOL, EOL, sea state, problems, etc)	Additional Notes								
	18:03	5141	12409				26.6		0.17	BOL run in approach shots									
	18:15	5001	12549				31.6		0.14	SOL MGL14052836OL									
	22:39	4739					31.6		0.17	EOL, shut down until further notice									