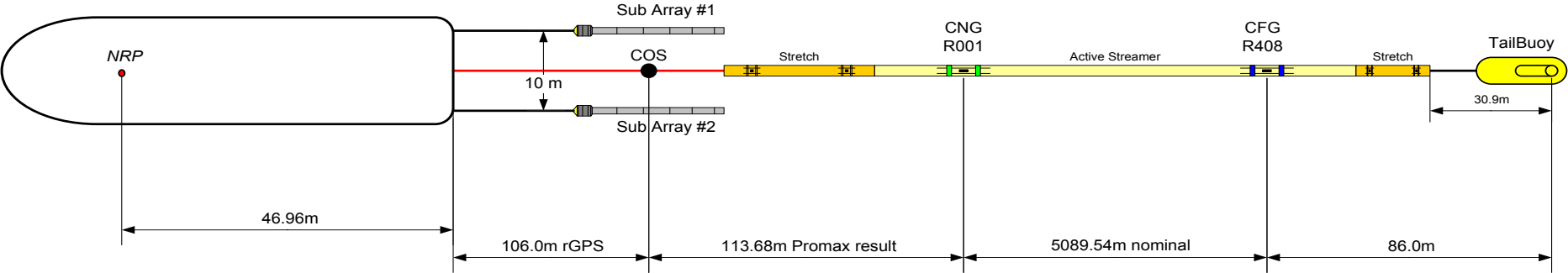
 <p>SeaBird Exploration M/V Aquila Explorer</p>		<h1 style="text-align: center;">OBSERVERS LOG</h1>				SEQ# 037																																																								
				Line status		COMPLETE																																																								
Client: DPI		Prospect: Southern Flank 2D			Line No: DPISF-062-P2037																																																									
Party Chief: Alexander (Ben) Dyton		Observers: 12:00-00:00 YT GG; 00:00-12:00 IG OG				Date: 7-Mar-10																																																								
Recording Parameters		Recording Details		Line statistics		Heading 44.3°																																																								
System: Sercel Seal Filter Delay: 0mS Sample rate: 2mS Digital Lo cut filter: Combined 4.3 Hz@12db/oct. Digital High cut filter: 200Hz@370dB/Oct .8N MIN No. Channels: 408 seismic (+ 36 Aux) Record Length: 5.632 Second System Start: Aux 1 Water break: Aux 2 Time break: Aux 3 Fire Out: Aux 4 String 1: Aux 6-12 String 2: Aux 20-26		Media: IBM 3592 Capacity: 60 GB type Economy Format: SEGD format (rev1) Streamer Manufacturer: Sercel Hydrophone type: Sercel Flexible (SFH) 'phones / group: 8 'phone spacing: Even Group length: 12.95 m Group interval: 12.50 m Sensitivity: 19.73 V / Bar Active length: 5100m Depth: 8 m		<table border="1"> <thead> <tr> <th></th> <th>Time</th> <th>File</th> <th>SP</th> </tr> </thead> <tbody> <tr><td>FSP</td><td>2:53</td><td>4507</td><td>4507</td></tr> <tr><td>FGSP/FOSP</td><td>2:55</td><td>4527</td><td>4527</td></tr> <tr><td>FCSP</td><td>3:12</td><td>4663</td><td>4663</td></tr> <tr><td>LFFSP</td><td>4:52</td><td>5504</td><td>5504</td></tr> <tr><td>LGSP</td><td>5:07</td><td>5640</td><td>5640</td></tr> <tr><td>LSP</td><td>5:08</td><td>5642</td><td>5642</td></tr> </tbody> </table>			Time	File	SP	FSP	2:53	4507	4507	FGSP/FOSP	2:55	4527	4527	FCSP	3:12	4663	4663	LFFSP	4:52	5504	5504	LGSP	5:07	5640	5640	LSP	5:08	5642	5642	<table border="1"> <thead> <tr> <th></th> <th>SOL</th> <th>EOL</th> </tr> </thead> <tbody> <tr><td>Feather</td><td>4.0°</td><td>1.8°</td></tr> <tr><td>RMS Noise, µB</td><td>3.5</td><td>3.2</td></tr> <tr><td>Source Vol</td><td>2360</td><td>2360</td></tr> <tr><td>Pressure</td><td>2066</td><td>2022</td></tr> <tr><td>Wind, kt</td><td>E 12</td><td>ENE 20</td></tr> <tr><td>Swell, m</td><td>1</td><td>1</td></tr> <tr><td>Swell Dir</td><td>NW</td><td>W</td></tr> <tr><td>Tape</td><td>39</td><td>39</td></tr> </tbody> </table>			SOL	EOL	Feather	4.0°	1.8°	RMS Noise, µB	3.5	3.2	Source Vol	2360	2360	Pressure	2066	2022	Wind, kt	E 12	ENE 20	Swell, m	1	1	Swell Dir	NW	W	Tape	39	39
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Type: Bolt 1900LLX No. of guns: 22 (incl. 2 spares) Total volume: 2360 Gun arrays: 1 Sub arrays: 2 Gun / sub array: 11 (incl. 1 spare) Pressure: 2000 psi		Navigation Manufacturer: C&C Technologies, USA System: C-Nav RTCM C-Nav GPS: C-Nav RGPS Buoylink Fathometer: Kongsberg EA600 Gyro: TSS Meridian Surveyor		<table border="1"> <thead> <tr> <th></th> <th>Noisy</th> <th>Weak</th> <th>Dead</th> <th>Comments</th> </tr> </thead> <tbody> <tr><td>Aux. Ch's</td><td>8, 10, 11, 12</td><td></td><td></td><td></td></tr> <tr><td>Channel No.</td><td>393</td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>			Noisy	Weak	Dead	Comments	Aux. Ch's	8, 10, 11, 12				Channel No.	393																																													
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Other		Only true errors will be logged. Ignore any other errors from Gunlink																																																												
 <p>The diagram illustrates the layout of the seismic line. It starts with an NRP (Narrow Range Profile) at the left end. A distance of 46.96m leads to the start of the main line. The line consists of two sub-arrays, Sub Array #1 and Sub Array #2, separated by a 10m distance. The main line is composed of several segments: a 106.0m rGPS segment, a 113.68m Promax result segment, a 5089.54m nominal segment, and an 86.0m segment ending at the TailBuoy. The line is labeled with various components: NRP, COS, Sub Array #1, Sub Array #2, Stretch, CNG R001, Active Streamer, CFG R408, and TailBuoy. The total length of the line is 5089.54m nominal.</p>																																																														

Client:	DPI		Prospect:		Southern Flank 2D				Line No:	DPISF-062-P2037		
Line Details									Date:	07 Mar 10		
Time	SP	File	Reel	Error	Comments				RMS Noise	W/Depth	Feather	
UTC									μB	m	°	
1:58					Gun Arrays Soft Start.							
2:33					Soft Start Complete.							
		4505	39		BOT, Noise Test				3.5			
		4506			Noise Test				3.7			
2:53	4507	4507			FSP							
2:55	4527	4527			FGSP, FOSP					330.5	4.0°	
	4662	4662			LOSP							
	4565	4565			Gun 1-4 (60 cu in) failed to detect fire and timing error messages d/t leakage in sensor line, SP: 4565, 4834, 5056, 5122, 5134, 5225, 5267, 5341, 5376, 5514, 5553 - Good SP's, confirmed by QC processing							
3:12	4663	4663			FCSP					453.4	5.4°	
4:52	5504	5504			LFFSP					1050.3	2.5°	
5:07	5640	5640			LGSP					1167.1	1.8°	
5:08	5642	5642			LSP. EOL							
		5643			Noise Test				3.2			
		5644	39		Noise Test, EOT				3.3			
				☑	Cross checked with Navigation							
					LINE COMPLETE							