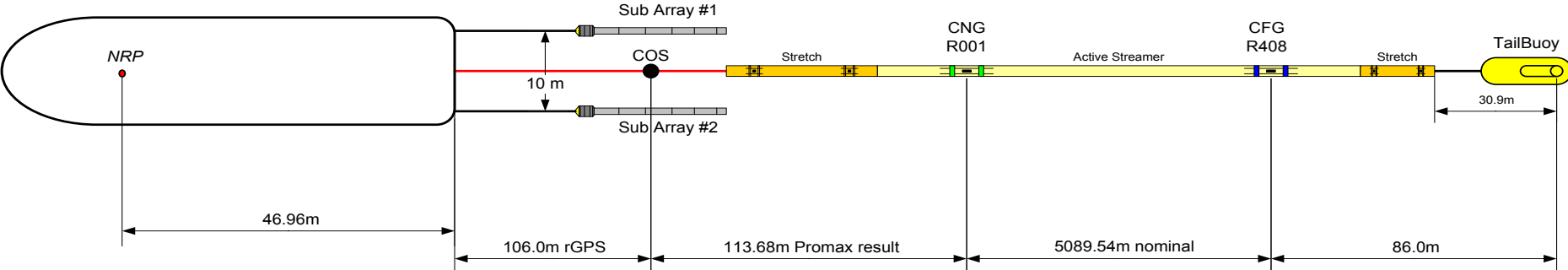
 <p>SeaBird Exploration M/V Aquila Explorer</p>		<h1 style="text-align: center;">OBSERVERS LOG</h1>				<b>SEQ# 033</b>																																																								
				<b>Line status</b>		<b>COMPLETE</b>																																																								
<b>Client:</b> DPI		<b>Prospect:</b> Southern Flank 2D			<b>Line No:</b> DPISF-058-P1033																																																									
<b>Party Chief:</b> Alexander (Ben) Dyton		<b>Observers:</b> 12:00-00:00 YT GG; 00:00-12:00 IG OG				<b>Date:</b> 5-Mar-10																																																								
<b>Recording Parameters</b>		<b>Recording Details</b>		<b>Line statistics</b>		<b>Heading</b> 223.9°																																																								
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: SEG D format (rev1) <b>Streamer</b> 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>15:14</td><td>5018</td><td>5018</td></tr> <tr><td>FGSP</td><td>15:16</td><td>4998</td><td>4998</td></tr> <tr><td>FCSP</td><td>15:16</td><td>4998</td><td>4998</td></tr> <tr><td>LFFSP</td><td>22:32</td><td>1001</td><td>1001</td></tr> <tr><td>LGSP</td><td>22:48</td><td>865</td><td>865</td></tr> <tr><td>LSP</td><td>22:48</td><td>863</td><td>863</td></tr> </tbody> </table>			Time	File	SP	FSP	15:14	5018	5018	FGSP	15:16	4998	4998	FCSP	15:16	4998	4998	LFFSP	22:32	1001	1001	LGSP	22:48	865	865	LSP	22:48	863	863	<table border="1"> <thead> <tr> <th></th> <th>SOL</th> <th>EOL</th> </tr> </thead> <tbody> <tr><td>Feather</td><td>-0.1°</td><td>-3.9°</td></tr> <tr><td>RMS Noise, µB</td><td>4.9</td><td>3.2</td></tr> <tr><td>Source Vol</td><td>2360</td><td>2360</td></tr> <tr><td>Pressure</td><td>2035</td><td>2040</td></tr> <tr><td>Wind, kt</td><td>NE 25</td><td>W 15</td></tr> <tr><td>Swell, m</td><td>1.5</td><td>1.5</td></tr> <tr><td>Swell Dir</td><td>NE</td><td>NE</td></tr> <tr><td>Tape</td><td>35</td><td>35</td></tr> </tbody> </table>			SOL	EOL	Feather	-0.1°	-3.9°	RMS Noise, µB	4.9	3.2	Source Vol	2360	2360	Pressure	2035	2040	Wind, kt	NE 25	W 15	Swell, m	1.5	1.5	Swell Dir	NE	NE	Tape	35	35
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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		<b>Navigation</b> 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>Aux. Ch's 8</td><td></td><td></td><td></td><td>Intermittently signal going on &amp; off</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				Aux. Ch's 8				Intermittently signal going on & off																																					
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Client:	DPI		Prospect:		Southern Flank 2D				Line No:	DPISF-058-P1033		
Line Details									Date:	05 Mar 10		
Time	SP	File	Reel	Error	Comments				RMS Noise	W/Depth	Feather	
UTC									μB	m	°	
14:24					Gun Arrays Soft Start.							
14:59					Soft Start Complete.							
		5020	35		BOT, Noise Test				6.3			
		5019			Noise Test				4.9			
15:14	5018	5018			FSP, random swell noise up to 3% traces, leveles >25μB							
15:16	4998	4998			FGSP, FCSP, SOL					695.3	-0.1°	
	3752	3752			Gun 1-7 (60 cu in) failed to detect fire message, d/t leakage in sensor line, Gun shot, : 3752, 3572, 3262, 2864, 2771, 2751; 2565, 2526; 2377; 2340; 1879, checked by processing Good SP's							
	3541	3541			FA >-10						-10.1°	
	3525	3525			Random swell noise not longer seen or very occasionally							
	3000	3000			FA Max						-14.8°	
	2778	2778			Gun 1-7 (60 cu in) bad timing, 1.4ms late, Good SP confirmed by processing							
	1799	1799			FA <10						-9.9°	
	1505	1505			Gun 1-7 (60 cu in) bad timing, 1.4ms late,Good SP confirmed by processing							
22:32	1001	1001			LFFSP					37.5	-4.1°	
22:48	865	865			LGSP					36.6	-3.9°	
22:48	863	863			LSP. EOL							
		862			Noise Test				3.2			
		861	35		Noise Test, EOT				3.3			
				☑	Cross checked with Navigation							
					LINE COMPLETE							