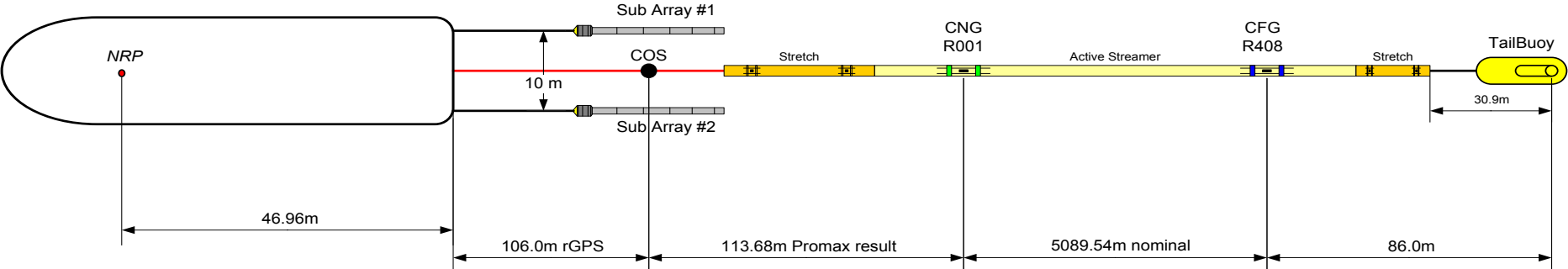
 <p>SeaBird Exploration M/V Aquila Explorer</p>		<h1 style="text-align: center;">OBSERVERS LOG</h1>				<b>SEQ# 051</b>																																																								
				<b>Line status</b>		<b>COMPLETE</b>																																																								
<b>Client:</b> DPI		<b>Prospect:</b> Southern Flank 2D		<b>Line No:</b>		<b>DPISF-S07-P1051</b>																																																								
<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> 13-Mar-10																																																								
<b>Recording Parameters</b>		<b>Recording Details</b>		<b>Line statistics</b>		<b>Heading</b> 313.9°																																																								
System: Sercel Seal Filter Delay: 0mS Sample rate: 2mS Digital Low 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 13-19 String 2: Aux 20-26		Media: IBM 3592 Capacity: 60 GB type Economy Format: SEGD 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>14:58</td><td>9722</td><td>9722</td></tr> <tr><td>FGSP</td><td>15:00</td><td>9702</td><td>9702</td></tr> <tr><td>FCSP</td><td>15:00</td><td>9702</td><td>9702</td></tr> <tr><td>LFFSP</td><td>6:11</td><td>1001</td><td>1001</td></tr> <tr><td>LGSP</td><td>6:25</td><td>865</td><td>865</td></tr> <tr><td>LSP</td><td>6:26</td><td>863</td><td>863</td></tr> </tbody> </table>			Time	File	SP	FSP	14:58	9722	9722	FGSP	15:00	9702	9702	FCSP	15:00	9702	9702	LFFSP	6:11	1001	1001	LGSP	6:25	865	865	LSP	6:26	863	863	<table border="1"> <thead> <tr> <th></th> <th>SOL</th> <th>EOL</th> </tr> </thead> <tbody> <tr><td>Feather</td><td>-1.4°</td><td>-0.7°</td></tr> <tr><td>RMS Noise, µB</td><td>3.6</td><td>3.4</td></tr> <tr><td>Source Vol</td><td>2360</td><td>2360</td></tr> <tr><td>Pressure</td><td>2038</td><td>2013</td></tr> <tr><td>Wind, kt</td><td>NE 20</td><td>ESE 5</td></tr> <tr><td>Swell, m</td><td>1</td><td>1</td></tr> <tr><td>Swell Dir</td><td>NE</td><td>SW</td></tr> <tr><td>Tape</td><td>55</td><td>56</td></tr> </tbody> </table>			SOL	EOL	Feather	-1.4°	-0.7°	RMS Noise, µB	3.6	3.4	Source Vol	2360	2360	Pressure	2038	2013	Wind, kt	NE 20	ESE 5	Swell, m	1	1	Swell Dir	NE	SW	Tape	55	56
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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>Channel No.</td><td>393</td><td></td><td></td><td></td></tr> <tr><td>Channel No.</td><td>211</td><td></td><td></td><td>intermittently spiky</td></tr> <tr><td>Aux Ch</td><td>13</td><td></td><td></td><td>intermittently noise</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	Channel No.	393				Channel No.	211			intermittently spiky	Aux Ch	13			intermittently noise																																					
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 <p>The diagram illustrates the layout of the seismic streamer system. It starts with an NRP (Narrow Range Processor) at the left end. A distance of 46.96m leads to the first Sub Array #1. A 10m vertical offset separates Sub Array #1 and Sub Array #2. A distance of 106.0m rGPS leads to the COS (Control and Observation Station). From COS, a distance of 113.68m Promax result leads to the CNG R001 (Control and Navigation Receiver). A distance of 5089.54m nominal leads to the CFG R408 (Control and Frequency Receiver). A distance of 86.0m leads to the TailBuoy. The streamer is labeled as 'Active Streamer' and includes 'Stretch' sections. The total length from NRP to TailBuoy is 5335.5m.</p>																																																														

Client:	DPI		Prospect:		Southern Flank 2D				Line No:	DPISF-S07-P1051		
Line Details									Date:	13 Mar 10		
Time	SP	File	Reel	Error	Comments				RMS Noise	W/Depth	Feather	
UTC									μB	m	°	
14:09					Gun Arrays Soft Start.							
14:44					Soft Start Complete.							
		9724	55		BOT, Noise Test				3.6			
		9723			Noise Test				3.6			
14:58	9722	9722			FSP							
15:00	9702	9702			FGSP, FCSP, SOL					115.4	-1.4°	
	7948	7948			Gun 1-5(20 cu in) false bad timing d/t leakage in sensor line. Good SP's verified by processing: 7948, 7792							
	4725	4725	55		EOT							
	4724	4724	56		BOT							
23:59	4432	4432			Last SP of the day							
6:11	1001	1001			LFFSP					37.6	-0.5°	
6:25	865	865			LGSP					37	-0.7°	
6:26	863	863			LSP, EOL							
		862			Noise Test				3.4			
		861	56		Noise Test, EOT				3.6			
				☑	Cross checked with Navigation							
					LINE COMPLETE							