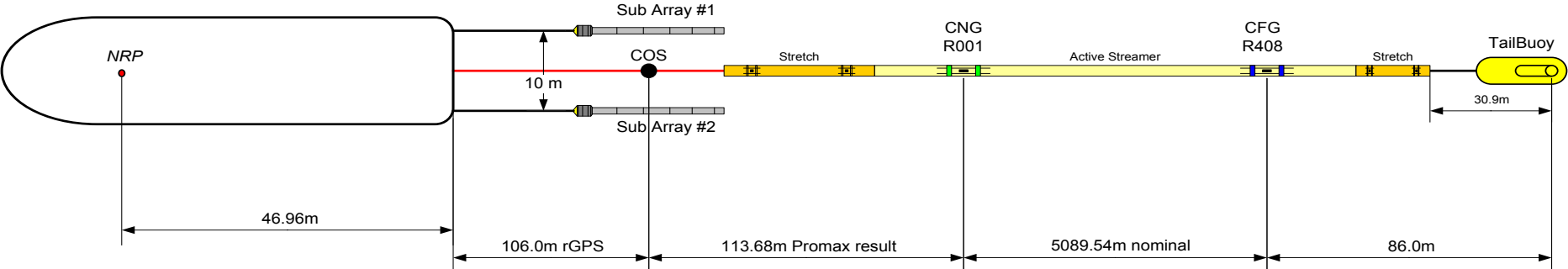
 <p>SeaBird Exploration M/V Aquila Explorer</p>		<h1 style="text-align: center;">OBSERVERS LOG</h1>				<b>SEQ# 030</b>																																																								
				<b>Line status</b>		<b>COMPLETE</b>																																																								
<b>Client:</b> DPI		<b>Prospect:</b> Southern Flank 2D		<b>Line No:</b>		<b>DPISF-053-P1030</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> 4-Mar-10																																																								
<b>Recording Parameters</b>		<b>Recording Details</b>		<b>Line statistics</b>		<b>Heading</b> 44.4°																																																								
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) <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>11:07</td><td>981</td><td>981</td></tr> <tr><td>FGSP</td><td>11:09</td><td>1001</td><td>1001</td></tr> <tr><td>FCSP</td><td>11:09</td><td>1001</td><td>1001</td></tr> <tr><td>LFFSP</td><td>19:09</td><td>5057</td><td>5057</td></tr> <tr><td>LGSP</td><td>19:25</td><td>5192</td><td>5193</td></tr> <tr><td>LSP</td><td>19:25</td><td>5194</td><td>5195</td></tr> </tbody> </table>			Time	File	SP	FSP	11:07	981	981	FGSP	11:09	1001	1001	FCSP	11:09	1001	1001	LFFSP	19:09	5057	5057	LGSP	19:25	5192	5193	LSP	19:25	5194	5195	<table border="1"> <thead> <tr> <th></th> <th>SOL</th> <th>EOL</th> </tr> </thead> <tbody> <tr><td>Feather</td><td>-5.6°</td><td>9.4°</td></tr> <tr><td>RMS Noise, µB</td><td>3.7</td><td>13.3</td></tr> <tr><td>Source Vol</td><td>2360</td><td>2360</td></tr> <tr><td>Pressure</td><td>2028</td><td>2017</td></tr> <tr><td>Wind, kt</td><td>NE 10</td><td>NE 30</td></tr> <tr><td>Swell, m</td><td>1.5</td><td>3</td></tr> <tr><td>Swell Dir</td><td>N</td><td>NE</td></tr> <tr><td>Tape</td><td>32</td><td>32</td></tr> </tbody> </table>			SOL	EOL	Feather	-5.6°	9.4°	RMS Noise, µB	3.7	13.3	Source Vol	2360	2360	Pressure	2028	2017	Wind, kt	NE 10	NE 30	Swell, m	1.5	3	Swell Dir	N	NE	Tape	32	32
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<b>Source</b>		<b>Depth</b> 6 m		<b>Shot interval</b> 18.75		<b>Traces</b>																																																								
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></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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 <p>The diagram illustrates the layout of the seismic streamer system. It starts with an NRP (Narrow Range Profiler) at the left end. A distance of 46.96m leads to the start of the main streamer. The streamer consists of two sub-arrays, Sub Array #1 and Sub Array #2, separated by a 10m distance. The main streamer is labeled 'Active Streamer' and includes a 'Stretch' section. Key components along the streamer are CNG R001 and CFG R408. The streamer ends with a 'TailBuoy' at a distance of 30.9m from the end of the main streamer. The total length of the streamer is 5089.54m nominal. Other distances shown include 106.0m rGPS from the NRP to the start of the streamer, 113.68m Promax result from the NRP to the end of the streamer, and 86.0m from the end of the streamer to the TailBuoy.</p>																																																														

Client:	DPI		Prospect:		Southern Flank 2D				Line No:	DPISF-053-P1030			
Line Details										Date:		04 Mar 10	
Time	SP	File	Reel	Error	Comments					RMS Noise	W/Depth	Feather	
UTC										μB	m	°	
10:26					Gun Arrays Soft Start.								
11:01					Soft Start Complete.								
		979	32		BOT, Noise Test					3.8			
		980			Noise Test					3.7			
11:07	981	981			FSP								
11:09	1001	1001			FGSP, FCSP, SOL						44.7	-5.6°	
	3981	3981			FA >10°							10.1°	
	3994	3994			Random swell noise up to 3% traces, levels >25μB								
	4090	4090			Random swell noise up to 8% traces, levels >25μB								
	4239	4239			Random swell noise up to 15% traces, levels >25μB								
	4268	4268			FA >15°							15.1°	
	4273	4273			FA max							15.2°	
	4594	4594			FA<10°							9.8°	
	4870	4870			From SP 4870 to 4897, Noise affecting Ch's 400-407 d/t tail buoy capsided								
	4979	4979			FA>10°							10.1°	
	5041	5041			FA Max							10.6°	
19:09	5057	5057			LFFSP						448.8	10.3°	
	5060	5059			Lost SP, didn't receive signal from Nav. From this SP mismatch between SPs and files.								
	5107	5106			FA <10°							9.9°	
	5179	5178			Random swell noise up to 25% traces, levels >25μB								
19:25	5193	5192			LGSP						572.6	9.4°	
19:25	5195	5194			LSP. EOL								
		5195			Noise Test					13.3			
		5196	32		Noise Test, EOT					14.8			
				☑	Cross checked with Navigation								
					LINE COMPLETE								