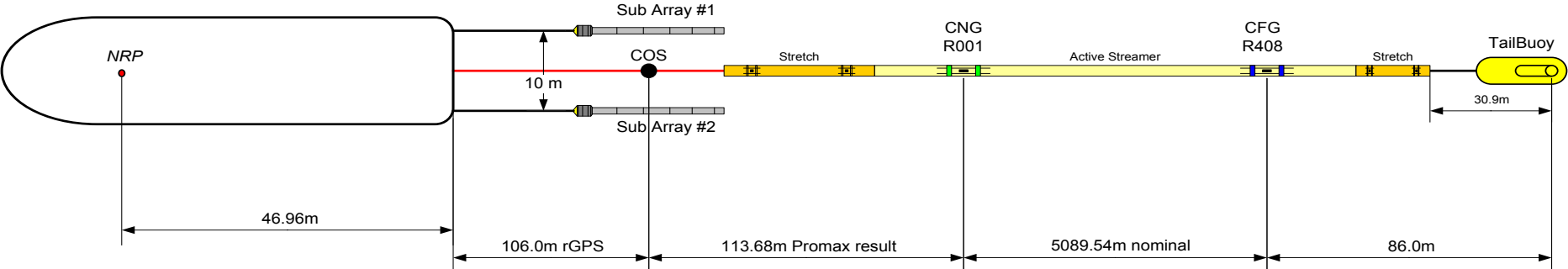
 <p>SeaBird Exploration M/V Aquila Explorer</p>		<h1 style="text-align: center;">OBSERVERS LOG</h1>				<b>SEQ# 045</b>																																																								
				<b>Line status</b>		<b>COMPLETE</b>																																																								
<b>Client:</b> DPI		<b>Prospect:</b> Southern Flank 2D		<b>Line No:</b>		<b>DPISF-065-P1045</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> 10-Mar-10																																																								
<b>Recording Parameters</b>		<b>Recording Details</b>		<b>Line statistics</b>		<b>Heading</b> 223.8°																																																								
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>17:45</td><td>5520</td><td>5520</td></tr> <tr><td>FGSP</td><td>17:47</td><td>5500</td><td>5500</td></tr> <tr><td>FCSP</td><td>17:47</td><td>5500</td><td>5500</td></tr> <tr><td>LFFSP</td><td>0:57</td><td>1478</td><td>1478</td></tr> <tr><td>LGSP</td><td>1:13</td><td>1342</td><td>1342</td></tr> <tr><td>LSP</td><td>0:00</td><td>1342</td><td>1342</td></tr> </tbody> </table>			Time	File	SP	FSP	17:45	5520	5520	FGSP	17:47	5500	5500	FCSP	17:47	5500	5500	LFFSP	0:57	1478	1478	LGSP	1:13	1342	1342	LSP	0:00	1342	1342	<table border="1"> <thead> <tr> <th></th> <th>SOL</th> <th>EOL</th> </tr> </thead> <tbody> <tr><td>Feather</td><td>-14.9°</td><td>-4.9°</td></tr> <tr><td>RMS Noise, µB</td><td>3.0</td><td>2.7</td></tr> <tr><td>Source Vol</td><td>2360</td><td>2360</td></tr> <tr><td>Pressure</td><td>1973</td><td>2036</td></tr> <tr><td>Wind, kt</td><td>SW 5</td><td>SW 10</td></tr> <tr><td>Swell, m</td><td>1</td><td>0.5</td></tr> <tr><td>Swell Dir</td><td>W</td><td>W</td></tr> <tr><td>Tape</td><td>47</td><td>47</td></tr> </tbody> </table>			SOL	EOL	Feather	-14.9°	-4.9°	RMS Noise, µB	3.0	2.7	Source Vol	2360	2360	Pressure	1973	2036	Wind, kt	SW 5	SW 10	Swell, m	1	0.5	Swell Dir	W	W	Tape	47	47
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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>Channel No. 393</td><td></td><td></td><td></td><td>Noisy</td></tr> <tr><td>Channel No. 211</td><td></td><td></td><td></td><td>Spikes</td></tr> <tr><td>AUX Ch 24</td><td></td><td></td><td></td><td>Noisy</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				Noisy	Channel No. 211				Spikes	AUX Ch 24				Noisy																																					
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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 COS (Control and Observation Station). From COS, the streamer extends to the right. Sub Array #1 and Sub Array #2 are positioned 10m above and below the main line. The main line consists of a 106.0m rGPS segment, followed by a 113.68m Promax result segment, then a 5089.54m nominal segment (containing CNG R001 and CFG R408), and finally an 86.0m segment ending at the TailBuoy. A 30.9m distance is also marked between the end of the nominal segment and the TailBuoy.</p>																																																														

Client:	DPI		Prospect:		Southern Flank 2D				Line No:	DPISF-065-P1045		
Line Details									Date:	10 Mar 10		
Time	SP	File	Reel	Error	Comments					RMS Noise	W/Depth	Feather
UTC										μB	m	°
17:00					Gun Arrays Soft Start.							
17:35					Soft Start Complete.							
		5522	47		BOT, Noise Test					3.6		
		5521			Noise Test					3.0		
17:45	5520	5520			FSP							
17:47	5500	5500			FGSP, FCSP, SOL						1153.2	-14.9°
	5475	5475			Random swell noise affecting up to 5% traces, levels >25μB							
	5247	5247			FA <-10							-9.9°
	5224	5224			Random swell noise decreasing, now affecting up to 2% traces, levels >25μB							
	4698	4698			Random swell noise no longer visible							
23:59	1952	1952			Last SP of the day							
0:00	1951	1951			First SP of the day							
0:57	1478	1478			LFFSP						28.5	-5.5°
1:13	1342	1342			LGSP, LSP, EOL, Line terminated early d/t shallows, considered complete						26.7	-4.9°
		1341			Noise Test					3.0		
		1340	47		Noise Test, EOT					2.7		
				☑	Cross checked with Navigation							
					LINE COMPLETE							