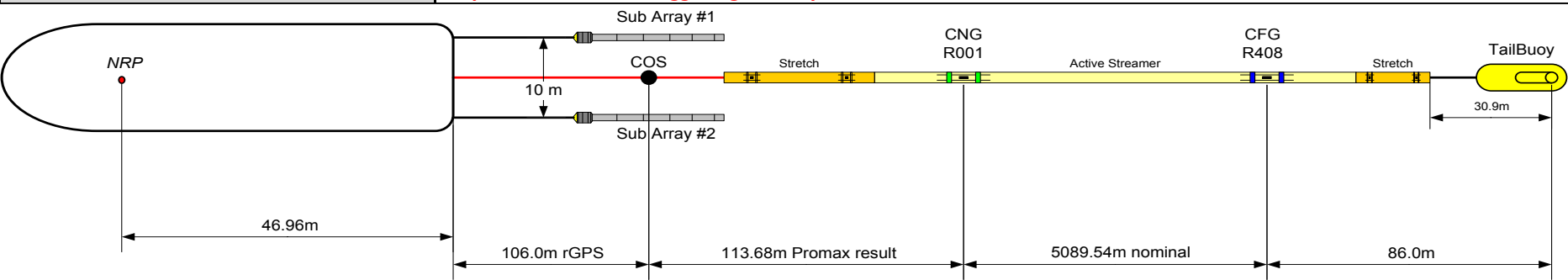
 <p>SeaBird Exploration M/V Aquila Explorer</p>		<h1 style="text-align: center;">OBSERVERS LOG</h1>				SEQ# 087																																																								
				Line status		COMPLETE																																																								
Client: DPI		Prospect: Southern Flank 2D		Line No:		DPISF-S17-P1087																																																								
Party Chief: Graeme Marsden		Observers: 12:00-00:00 GR GM; 00:00-12:00 ES RK				Date: 3-Apr-10																																																								
Recording Parameters		Recording Details		Line statistics		Heading 312.7°																																																								
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) 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>0:55</td><td>10352</td><td>10352</td></tr> <tr><td>FGSP</td><td>0:57</td><td>10332</td><td>10332</td></tr> <tr><td>FCSP</td><td>0:57</td><td>10332</td><td>10332</td></tr> <tr><td>LFFSP</td><td>16:04</td><td>1137</td><td>1137</td></tr> <tr><td>LGSP</td><td>16:17</td><td>1001</td><td>1001</td></tr> <tr><td>LSP</td><td>16:17</td><td>1001</td><td>1001</td></tr> </tbody> </table>			Time	File	SP	FSP	0:55	10352	10352	FGSP	0:57	10332	10332	FCSP	0:57	10332	10332	LFFSP	16:04	1137	1137	LGSP	16:17	1001	1001	LSP	16:17	1001	1001	<table border="1"> <thead> <tr> <th></th> <th>SOL</th> <th>EOL</th> </tr> </thead> <tbody> <tr><td>Feather</td><td>-0.9°</td><td>-10.1°</td></tr> <tr><td>RMS Noise, µB</td><td>3.2</td><td>3.6</td></tr> <tr><td>Source Vol</td><td>2360</td><td>2360</td></tr> <tr><td>Pressure</td><td>1975</td><td>1980</td></tr> <tr><td>Wind, kt</td><td>SE 15</td><td>E 20</td></tr> <tr><td>Swell, m</td><td>1</td><td>1.5</td></tr> <tr><td>Swell Dir</td><td>ESE</td><td>SE</td></tr> <tr><td>Tape</td><td>110</td><td>110</td></tr> </tbody> </table>			SOL	EOL	Feather	-0.9°	-10.1°	RMS Noise, µB	3.2	3.6	Source Vol	2360	2360	Pressure	1975	1980	Wind, kt	SE 15	E 20	Swell, m	1	1.5	Swell Dir	ESE	SE	Tape	110	110
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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>Channel No.</td><td>393</td><td></td><td></td><td></td></tr> <tr><td></td><td>184</td><td></td><td></td><td></td></tr> <tr><td></td><td>64</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	Channel No.	393					184					64																																								
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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 streamer system. It starts with an NRP (Narrow Range Processor) connected to Sub Array #1 and Sub Array #2, which are separated by 10m. The streamer then passes through a COS (Control and Observation Station) and a Stretch section. The distance from the NRP to the COS is 46.96m. The distance from the COS to the CNG R001 is 106.0m rGPS. The distance from the CNG R001 to the CFG R408 is 113.68m Promax result. The distance from the CFG R408 to the TailBuoy is 5089.54m nominal. The distance from the TailBuoy to the end of the streamer is 86.0m. The total length of the streamer is 5089.54m nominal.</p>																																																														

Client:	DPI		Prospect:		Southern Flank 2D				Line No:	DPISF-S17-P1087			
Line Details										Date:	03 Apr 10		
Time	SP	File	Reel	Error	Comments					RMS Noise	W/Depth	Feather	
UTC										μB	m	°	
0:05					Gun Arrays Soft Start.								
0:40					Soft Start Complete.								
		10354	110		Noise Test, BOT					3.2			
		10353			Noise Test					3.2			
0:55	10352	10352			FSP					2.2	37.9		
0:57	10332	10332			FGSP, FCSP, SOL					5.0	37.5	-0.9°	
4:56	7942	7942			Dogleg #1 SP [New Heading 311.78°]					5.5	45.3	-2.2°	
8:50	5537	5537			Feather Angle >10°					6.2	58.8	10.1°	
9:12	5313	5313			Maximum Feather Angle					5.6	61.5	10.6°	
9:40	5021	5021			Feather Angle <10°					5.4	61.3	9.9°	
13:07	2898	2898			Dogleg #2 SP [New Heading 314.88°]								
13:46	2507	2507			Feather Angle >10°							-10.1°	
15:03	1742	1742			Maximum Feather Angle							-14.2°	
16:04	1137	1137			LFFSP						27.2	-11.3°	
16:17	1001	1001			LGSP. LSP.EOL						22.5	-10.1°	
		1000			Noise Test					3.6			
		999	110		Noise Test, EOT					3.9			
				<input checked="" type="checkbox"/>	Cross checked with Navigation								
					LINE COMPLETE								