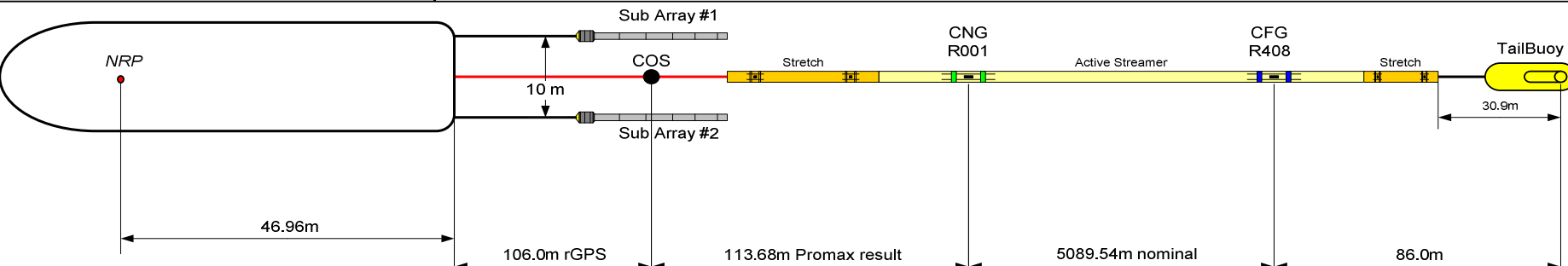
 <p>SeaBird Exploration M/V Aquila Explorer</p>		<h1 style="text-align: center;">OBSERVERS LOG</h1>				SEQ# 098																																																								
				Line status		COMPLETE																																																								
Client:	DPI	Prospect:	Southern Flank 2D		Line No:	DPISF-14-P2098																																																								
Party Chief: Graeme Marsden		Observers: 12:00-00:00 GR GM; 00:00-12:00 ES RK				Date:	7-Apr-10																																																							
Recording Parameters		Recording Details		Line statistics		Heading 44.9°																																																								
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 27-33		Media: IBM 3592 Capacity: 60 GB type Economy Format: SEG D 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>2:03</td><td>1917</td><td>1917</td></tr> <tr><td>FGSP</td><td>2:18</td><td>2073</td><td>2073</td></tr> <tr><td>FCSP</td><td>2:18</td><td>2073</td><td>2073</td></tr> <tr><td>LFFSP</td><td>6:36</td><td>4605</td><td>4605</td></tr> <tr><td>LGSP</td><td>6:50</td><td>4741</td><td>4741</td></tr> <tr><td>LSP</td><td>6:50</td><td>4743</td><td>4743</td></tr> </tbody> </table>			Time	File	SP	FSP	2:03	1917	1917	FGSP	2:18	2073	2073	FCSP	2:18	2073	2073	LFFSP	6:36	4605	4605	LGSP	6:50	4741	4741	LSP	6:50	4743	4743	<table border="1"> <thead> <tr> <th></th> <th>SOL</th> <th>EOL</th> </tr> </thead> <tbody> <tr><td>Feather</td><td>-0.2°</td><td>-1.3°</td></tr> <tr><td>RMS Noise, µB</td><td>3.6</td><td>4.3</td></tr> <tr><td>Source Vol</td><td>2360</td><td>2360</td></tr> <tr><td>Pressure</td><td>1953</td><td>1937</td></tr> <tr><td>Wind, kt</td><td>N 15</td><td>NE 10</td></tr> <tr><td>Swell, m</td><td>1.5</td><td>2</td></tr> <tr><td>Swell Dir</td><td>NNE</td><td>E</td></tr> <tr><td>Tape</td><td>123</td><td>123</td></tr> </tbody> </table>			SOL	EOL	Feather	-0.2°	-1.3°	RMS Noise, µB	3.6	4.3	Source Vol	2360	2360	Pressure	1953	1937	Wind, kt	N 15	NE 10	Swell, m	1.5	2	Swell Dir	NNE	E	Tape	123	123
	Time	File	SP																																																											
FSP	2:03	1917	1917																																																											
FGSP	2:18	2073	2073																																																											
FCSP	2:18	2073	2073																																																											
LFFSP	6:36	4605	4605																																																											
LGSP	6:50	4741	4741																																																											
LSP	6:50	4743	4743																																																											
	SOL	EOL																																																												
Feather	-0.2°	-1.3°																																																												
RMS Noise, µB	3.6	4.3																																																												
Source Vol	2360	2360																																																												
Pressure	1953	1937																																																												
Wind, kt	N 15	NE 10																																																												
Swell, m	1.5	2																																																												
Swell Dir	NNE	E																																																												
Tape	123	123																																																												
				Line comments																																																										
				SOL - EOL: Streamer Depth to 9 meters																																																										
Source		Depth 6 m		Shot interval 18.75		Traces																																																								
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						<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																																						
	Noisy	Weak	Dead	Comments																																																										
Channel No.	393																																																													
	184																																																													
	64																																																													
		Navigation																																																												
		Manufacturer: C&C Technologies, USA System: C-Nav RTCM C-Nav GPS: C-Nav RGPS Buoylink Fathometer: Kongsberg EA600 Gyro: TSS Meridian Surveyor																																																												
Delta errors 1.00 mS @ SP																																																														
Misfires @ SP																																																														
Autofires @ SP																																																														
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 the NRP (Narrow Range Processor) at the left end. A distance of 46.96m leads to the start of the 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 points along the streamer are marked: COS (Control System), CNG R001, and CFG R408. The total length of the streamer is 5089.54m nominal. The distance from the start of the streamer to the TailBuoy is 86.0m. The distance from the NRP to the start of the streamer is 46.96m. The distance from the COS to the start of the streamer is 106.0m rGPS. The distance from the COS to the TailBuoy is 113.68m Promax result.</p>																																																														

Client:	DPI		Prospect:		Southern Flank 2D				Line No:	DPISF-14-P2098		
Line Details									Date:	07 Apr 10		
Time	SP	File	Reel	Error	Comments				RMS Noise	W/Depth	Feather	
UTC									μB	m	°	
1:09					Gun Arrays Soft Start.							
1:44					Soft Start Complete.							
		1915	123		Noise Test, BOT				6.2			
		1916			Noise Test				3.6			
2:03	1917	1917			FSP				4.4	57.0	-1.8	
2:05	1937	1937			FOSP. SOL				4.7	59.0	-1.5	
2:18	2072	2072			LOSP				5.5	58.9	-0.2°	
2:18	2073	2073			FCSP, FGSP				5.5	59.0	-0.2°	
6:36	4605	4605			LFFSP				5.2	58.2	-1.5°	
6:50	4741	4741			LGSP				5.5	59.1	-1.3°	
6:50	4743	4743			LSP. EOL				4.4	59.2	-1.3°	
		4744			Noise Test				4.3			
		4745	123		Noise Test, EOT				4.6			
				☑	Cross checked with Navigation							
					LINE COMPLETE							