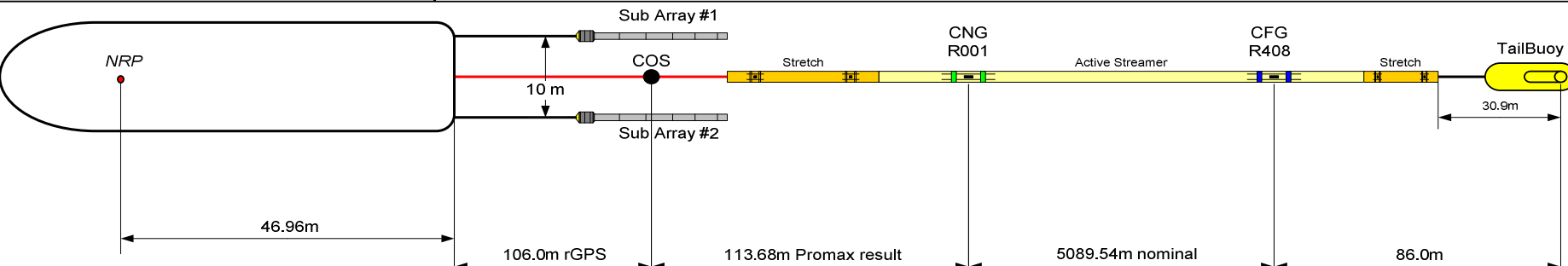
 <p>SeaBird Exploration M/V Aquila Explorer</p>		<h1>OBSERVERS LOG</h1>				SEQ# <b>090</b>																																																								
				Line status	COMPLETE																																																									
Client:	DPI	Prospect:	Southern Flank 2D		Line No:	DPISF-023-P1090																																																								
Party Chief: Graeme Marsden		Observers: 12:00-00:00 GR GM; 00:00-12:00 ES RK			Date:	4-Apr-10																																																								
Recording Parameters		Recording Details		Line statistics		Heading 224.5°																																																								
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: SEG D 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>21:17</td><td>4887</td><td>4887</td></tr> <tr><td>FGSP</td><td>21:19</td><td>4867</td><td>4867</td></tr> <tr><td>FCSP</td><td>21:19</td><td>4867</td><td>4867</td></tr> <tr><td>LFFSP</td><td>3:35</td><td>1001</td><td>1001</td></tr> <tr><td>LGSP</td><td>3:48</td><td>865</td><td>865</td></tr> <tr><td>LSP</td><td>3:49</td><td>863</td><td>863</td></tr> </tbody> </table>			Time	File	SP	FSP	21:17	4887	4887	FGSP	21:19	4867	4867	FCSP	21:19	4867	4867	LFFSP	3:35	1001	1001	LGSP	3:48	865	865	LSP	3:49	863	863	<table border="1"> <thead> <tr> <th></th> <th>SOL</th> <th>EOL</th> </tr> </thead> <tbody> <tr><td>Feather</td><td>-8.2°</td><td>-2.2°</td></tr> <tr><td>RMS Noise, µB</td><td>3.8</td><td>2.0</td></tr> <tr><td>Source Vol</td><td>2360</td><td>2360</td></tr> <tr><td>Pressure</td><td>1976</td><td>1958</td></tr> <tr><td>Wind, kt</td><td>NE 18</td><td>ENE 15</td></tr> <tr><td>Swell, m</td><td>1</td><td>1</td></tr> <tr><td>Swell Dir</td><td>E</td><td>NE</td></tr> <tr><td>Tape</td><td>113</td><td>115</td></tr> </tbody> </table>			SOL	EOL	Feather	-8.2°	-2.2°	RMS Noise, µB	3.8	2.0	Source Vol	2360	2360	Pressure	1976	1958	Wind, kt	NE 18	ENE 15	Swell, m	1	1	Swell Dir	E	NE	Tape	113	115
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				<b>Line comments</b> Gun 2-8: All error indications on the GunLink Log for this gun ('possible autofire', 'failed to detect fire & timing errors) are false indications and should be ignored! The problem is related to electrical leakage on the sensor line.  Aux Channel #16: This is the hydrophone for Gun 1-6; from SOL - SP 2225 this channel was both noisy & weak (but good thereafter)  Aux Channel #20 (hydrophone for Gun 2-1): Noisy in the SP range 3076 - 2246 (but good thereafter).																																																										
Source		Depth	6 m	Shot interval	18.75																																																									
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		<b>Traces</b> <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>Aux Channel</td><td>16</td><td>16</td><td></td><td>As identified by QC Processing</td></tr> <tr><td>Aux Channel</td><td>20</td><td></td><td></td><td>As identified by QC Processing</td></tr> </tbody> </table>					Noisy	Weak	Dead	Comments	Channel No.	393					184					64				Aux Channel	16	16		As identified by QC Processing	Aux Channel	20			As identified by QC Processing																									
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Client:	DPI		Prospect:		Southern Flank 2D				Line No:	DPISF-023-P1090		
Line Details									Date:		04 Apr 10	
Time	SP	File	Reel	Error	Comments					RMS Noise	W/Depth	Feather
UTC										μB	m	°
					Gun Arrays Soft Start.							
					Soft Start Complete.							
		4889	113		Noise Test, BOT					4.1		
		4888			Noise Test					3.8		
21:17	4887	4887			FSP					3.8	71.6	
21:19	4867	4867			FGSP, FCSP, SOL					5.3	71.5	-8.2°
22:15	4288	4288	113		EOT [Tape Export Error]							
22:15	4287	4287	114		BOT							
23:20	3620	3620	114		EOT [Tape Export Error]							
23:20	3619	3619	115		BOT							
23:59	3217	3217			Midnight SP					5.9	64.9	-1.7°
0:26	2942	2942		Timing	Delta error; Gun 2-1 (150 cu in); 1.3ms early; [Bad Shotpoint]							
1:24	2190	2190		Timing	Delta error; Gun 2-1 (150 cu in); 1.4ms late; [Bad Shotpoint]							
2:00	1976	1976		Timing	Delta error; Gun 2-1 (150 cu in); 1.3ms late; [Bad Shotpoint]							
3:35	1001	1001			LFFSP					3.0	60.3	-1.3°
3:48	865	865			LGSP					3.3	60.4	-2.2°
3:49	863	863			LSP. EOL					3.4	59.9	-2.2°
		862			Noise Test					2.1		
		861	115		Noise Test, EOT					2.0		
				☑	Cross checked with Navigation							
					LINE COMPLETE							