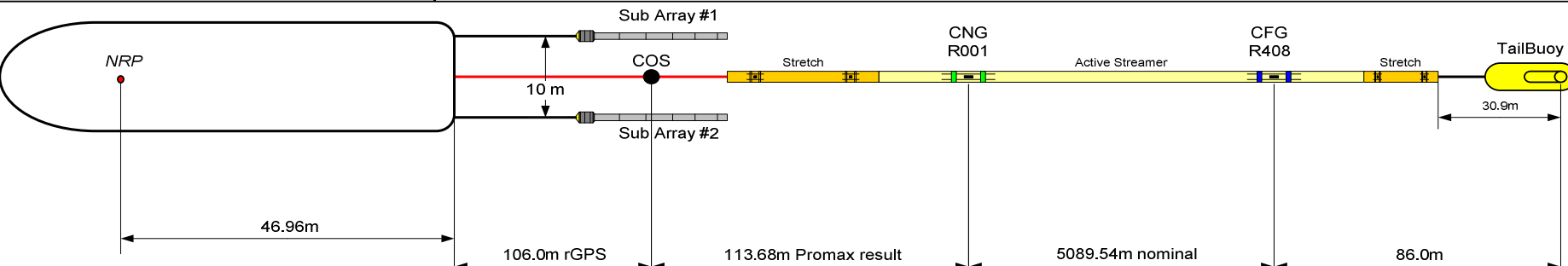
 SeaBird Exploration M/V Aquila Explorer		OBSERVERS LOG				SEQ# 085																																																			
				Line status	COMPLETE																																																				
Client:	DPI	Prospect:	Southern Flank 2D		Line No:	DPISF-S15-P1085																																																			
Party Chief: Graeme Marsden		Observers: 12:00-00:00 GR GM; 00:00-12:00 ES RK			Date:	1-Apr-10																																																			
Recording Parameters		Recording Details		Line statistics		Heading																																																			
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) 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" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>Time</th> <th>File</th> <th>SP</th> </tr> <tr> <td>FSP</td> <td>14:33</td> <td>10336</td> <td>10336</td> </tr> <tr> <td>FGSP</td> <td>14:35</td> <td>10316</td> <td>10316</td> </tr> <tr> <td>FCSP</td> <td>14:35</td> <td>10316</td> <td>10316</td> </tr> <tr> <td>LFFSP</td> <td>5:58</td> <td>1137</td> <td>1137</td> </tr> <tr> <td>LGSP/LSP</td> <td>6:11</td> <td>1001</td> <td>1001</td> </tr> </table> Line comments 1. Gun 2-4 Enabled & Gun 2-3 Disabled at SOL; Effective Volume = 2360 Cu inches, DT 2-2 - intermittent			Time	File	SP	FSP	14:33	10336	10336	FGSP	14:35	10316	10316	FCSP	14:35	10316	10316	LFFSP	5:58	1137	1137	LGSP/LSP	6:11	1001	1001	<div style="text-align: center; background-color: #FFDAB9; padding: 2px;">314.1°</div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">SOL</td> <td style="text-align: center;">EOL</td> </tr> <tr> <td>Feather</td> <td style="text-align: center;">-4.2°</td> <td style="text-align: center;">7.2°</td> </tr> <tr> <td>RMS Noise, μB</td> <td style="text-align: center;">4.0</td> <td style="text-align: center;">4.0</td> </tr> <tr> <td>Source Vol</td> <td style="text-align: center;">2360</td> <td style="text-align: center;">2360</td> </tr> <tr> <td>Pressure</td> <td style="text-align: center;">1985</td> <td style="text-align: center;">1964</td> </tr> <tr> <td>Wind, kt</td> <td style="text-align: center;">Calm</td> <td style="text-align: center;">SE 10</td> </tr> <tr> <td>Swell, m</td> <td style="text-align: center;">0.5</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Swell Dir</td> <td style="text-align: center;">SE</td> <td style="text-align: center;">E</td> </tr> <tr> <td>Tape</td> <td style="text-align: center;">108</td> <td style="text-align: center;">108</td> </tr> </table>		SOL	EOL	Feather	-4.2°	7.2°	RMS Noise, μ B	4.0	4.0	Source Vol	2360	2360	Pressure	1985	1964	Wind, kt	Calm	SE 10	Swell, m	0.5	1	Swell Dir	SE	E	Tape	108	108
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Type: Bolt 1900LLX		6 m		18.75		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>Noisy</th> <th>Weak</th> <th>Dead</th> <th>Comments</th> </tr> <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> <tr><td> </td><td></td><td></td><td></td><td></td></tr> </table>			Noisy	Weak	Dead	Comments	Channel No.	393					184					64																																	
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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																																																							
Delta errors 1.00 mS @ SP																																																									
Misfires @ SP																																																									
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Other		Only true errors will be logged. Ignore any other errors from Gunlink																																																							
																																																									

Client:	DPI		Prospect:		Southern Flank 2D			Line No:	DPISF-S15-P1085		
Line Details								Date:		01 Apr 10	
Time	SP	File	Reel	Error	Comments				RMS Noise	W/Depth	Feather
UTC									μB	m	°
13:45					Gun Arrays Soft Start.						
14:20					Soft Start Complete.						
		10338	108		Noise Test, BOT				4.0		
		10337			Noise Test				4.2		
14:33	10336	10336			FSP				5.0	40.6	
14:35	10316	10316			FGSP, FCSP, SOL				6.0	40.0	-4.2°
17:52	8407	8407			Feather Angle > 10° (Starboard)				6.8	41.0	10.1°
19:30	7457	7457			Maximum Feather Angle (Starboard)				5.3	48.0	13.6°
22:13	6439	6439			Feather Angle < 10° (Starboard)				4.3	52.1	9.9°
23:59	4759	4759			Midnight SP (UTC)				4.0	58.0	-8.0°
0:12	4635	4635			Feather Angle > 10° (Port)				3.7	58.3	-10.1°
1:09	4055	4055			Feather Angle > 15° (Port)				3.6	59.4	-15.1°
1:53	3610	3610			Maximum Feather Angle (Port)				3.9	60.4	-16.0°
3:03	2902	2902			Feather Angle < 15° (Port)				4.5	59.2	-14.9°
4:04	2284	2284			Feather Angle < 10° (Port)				4.8	54.4	-9.9°
5:58	1137	1137			LFFSP				6.0	23.0	4.7°
6:11	1001	1001			LGSP, LSP, EOL				7.9	23.1	7.2°
		1000			Noise Test				4.3		
		999	108		Noise Test, EOT				4.0		
				☑	Cross checked with Navigation						
					LINE COMPLETE						