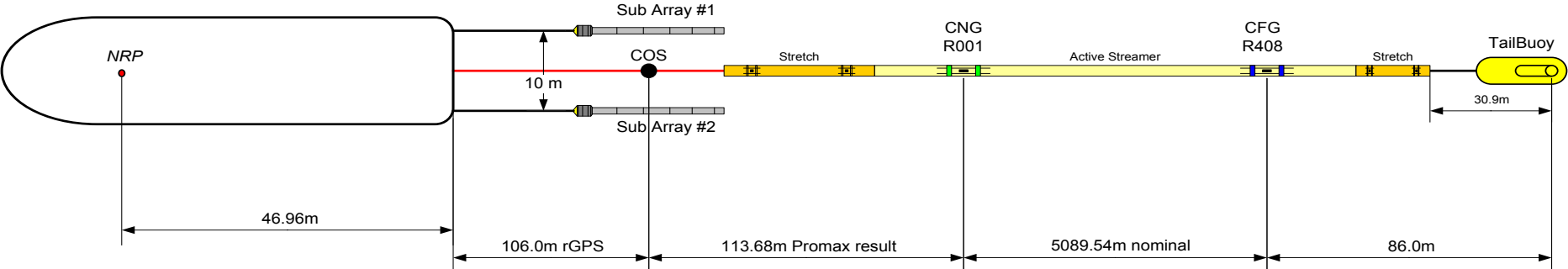
 <p>SeaBird Exploration M/V Aquila Explorer</p>		<h1 style="text-align: center;">OBSERVERS LOG</h1>				SEQ# 056																													
		Line status				COMPLETE																													
Client:	DPI	Prospect:	Southern Flank 2D		Line No:	DPISF-S08-P1056																													
Party Chief:		Grame Marsden		Observers:	12:00-00:00 GR GM; 00:00-12:00 ES RK		Date:	20-Mar-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: 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>12:55</td><td>981</td><td>981</td></tr> <tr><td>FGSP</td><td>12:57</td><td>1001</td><td>1001</td></tr> <tr><td>FCSP</td><td>12:57</td><td>1001</td><td>1001</td></tr> <tr><td>LFFSP</td><td>2:50</td><td>8600</td><td>8600</td></tr> <tr><td>LGSP</td><td>5:57</td><td>10254</td><td>10254</td></tr> <tr><td>LSP</td><td>5:57</td><td>10256</td><td>10256</td></tr> </tbody> </table>			Time	File	SP	FSP	12:55	981	981	FGSP	12:57	1001	1001	FCSP	12:57	1001	1001	LFFSP	2:50	8600	8600	LGSP	5:57	10254	10254	LSP	5:57	10256	10256	134.8°	
	Time	File	SP																																
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				Line comments From SP 8645 - streamer depth 9m		<table border="1"> <thead> <tr> <th></th> <th>SOL</th> <th>EOL</th> </tr> </thead> <tbody> <tr><td>Feather</td><td>9.8°</td><td>-4.1°</td></tr> <tr><td>RMS Noise, µB</td><td>2.2</td><td>29.1</td></tr> <tr><td>Source Vol</td><td>2360</td><td>2360</td></tr> <tr><td>Pressure</td><td>2014</td><td>1984</td></tr> <tr><td>Wind, kt</td><td>SSW 5</td><td>SW 35</td></tr> <tr><td>Swell, m</td><td>Calm</td><td>3 - 4</td></tr> <tr><td>Swell Dir</td><td>SSW</td><td>SW</td></tr> <tr><td>Tape</td><td>66</td><td>67</td></tr> </tbody> </table>			SOL	EOL	Feather	9.8°	-4.1°	RMS Noise, µB	2.2	29.1	Source Vol	2360	2360	Pressure	2014	1984	Wind, kt	SSW 5	SW 35	Swell, m	Calm	3 - 4	Swell Dir	SSW	SW	Tape	66	67	
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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		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		2476, 2477, 2478																																	
Misfires @ SP																																			
Autofires @ SP																																			
Other		Only true errors will be logged. Ignore any other errors from Gunlink																																	
																																			

Client:	DPI		Prospect:		Southern Flank 2D				Line No:	DPISF-S08-P1056		
Line Details									Date:		20 Mar 10	
Time	SP	File	Reel	Error	Comments				RMS Noise	W/Depth	Feather	
UTC									μB	m	°	
12:18					Gun Arrays Soft Start.							
12:50					Soft Start Complete.							
		979	66		BOT, Noise Test				2.5			
		980			Noise Test				2.2			
12:55	981	981			FSP				2.4	27		
12:57	1001	1001			FGSP, FCSP, SOL				4.0	28.3	9.8°	
12:59	1021	1021			Midnight Shotpoint (Local Time)				4.6	28.7	8.3°	
	2476	2476			Delta error, gun 1-6 (40 cu in), -1.5ms. Bad SP							
	2477	2477			Delta error, gun 1-6 (40 cu in), -1.4ms. Bad SP							
	2478	2478			Delta error, gun 1-6 (40 cu in), -1.4ms. Bad SP							
	6941	6941			False Delta error, gun 2-2 (electrical spike)							
23:59	7043	7043			Midnight Shotpoint (UTC Time)				2.9	55.4	-2.8°	
1:20	7779	7779			Swell Noise present: 2-3% of traces affected > than 25 μB; 8 Hz LC filter applied				6.1	50.4	3.0°	
2:20	8320	8320			Update on Swell Noise: it has increased considerably with up to 15% of traces now affected with ≥ 25 μB				21.6	49.4	7.4°	
2:50	8600	8600			Update on Swell Noise: it is continuing to increase, with up to 35% of traces now affected with ≥ 25 μB. Average of 17 - 22%.				15.9	45.8	7.0°	
2:55	8645	8645			Streamer Set to 9m Depth as requested by client d/t increasing Swell Noise as well as possible lost of streamer control.				42.5	46.2	7.0°	
3:04	8723	8723			Update on Swell Noise: up to 20% of traces now affected with ≥ 25 μB. Average of 15 - 20%.				25.0	45.6	7.2°	
3:35	9000	9000			Update on Swell Noise: up to 30% of traces now affected with ≥ 25 μB (Average of about 22%)				20.5	45	6.1°	
4:32	9500	9500			Update on Swell Noise: Decreased slightly; still up to 30% of traces affected with ≥ 25 μB but the overall average decreased to about 15%)				18.9	62	1.2°	
5:27	9978	9978	66		EOT							
5:27	9979	9979	67		BOT							
5:29	10000	10000			Update on Swell Noise: It has increased somewhat since the last update; up to 35% of traces affected with ≥ 25 μB & the overall average has increased to about 20%)				23.4	100.5	-3.3°	
5:42	10118	10118			LFFSP				22.6	111.8	-4.1°	
5:57	10254	10254			LGSP				19.2	119.8	-4.2°	
5:57	10256	10256			LSP. EOL				29.1	122.4		
	10257	10257			Please Ignore File 10257 [Dummy File]							

Client:	DPI		Prospect:		Southern Flank 2D				Line No:	DPISF-S08-P1056		
Line Details									Date:		20 Mar 10	
		10258			Noise Test				29.8			
		10259	67		Noise Test, EOT				27.3			
				<input checked="" type="checkbox"/>	Cross checked with Navigation							
					LINE COMPLETE							