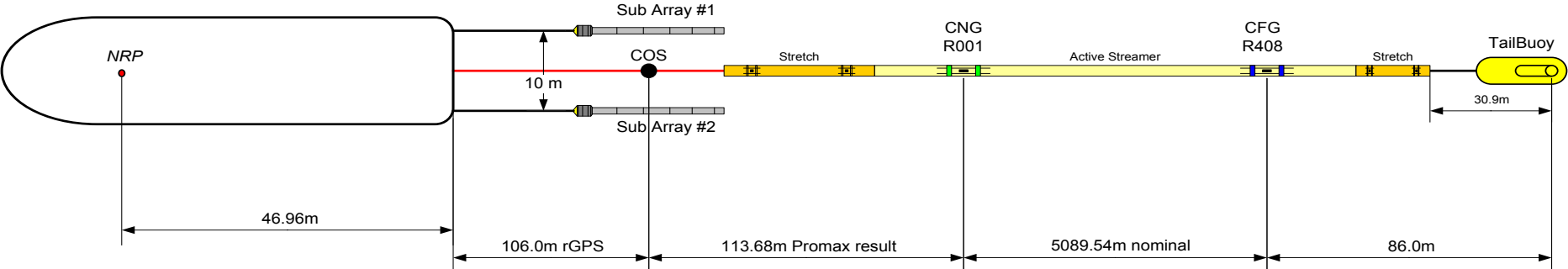
 <p>SeaBird Exploration M/V Aquila Explorer</p>		<h1 style="text-align: center;">OBSERVERS LOG</h1>				<b>SEQ# 020</b>																																																								
				<b>Line status</b>		<b>COMPLETE</b>																																																								
<b>Client:</b> DPI		<b>Prospect:</b> Southern Flank 2D			<b>Line No:</b> DPISF-035-P1020																																																									
<b>Party Chief:</b> Alexander (Ben) Dyton		<b>Observers:</b> 12:00-00:00 YT GG; 00:00-12:00 IG OG				<b>Date:</b> 28-Feb-10																																																								
<b>Recording Parameters</b>		<b>Recording Details</b>		<b>Line statistics</b>		<b>Heading</b> 44.6°																																																								
System: Sercel Seal Filter Delay: 0mS Sample rate: 2mS Digital Lo 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 6-12 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>3:20</td><td>981</td><td>981</td></tr> <tr><td>FGSP</td><td>3:22</td><td>1001</td><td>1001</td></tr> <tr><td>FCSP</td><td>3:22</td><td>1001</td><td>1001</td></tr> <tr><td>LFFSP</td><td>10:34</td><td>5082</td><td>5082</td></tr> <tr><td>LGSP</td><td>10:53</td><td>5218</td><td>5218</td></tr> <tr><td>LSP</td><td>10:53</td><td>5220</td><td>5220</td></tr> </tbody> </table>			Time	File	SP	FSP	3:20	981	981	FGSP	3:22	1001	1001	FCSP	3:22	1001	1001	LFFSP	10:34	5082	5082	LGSP	10:53	5218	5218	LSP	10:53	5220	5220	<table border="1"> <thead> <tr> <th></th> <th>SOL</th> <th>EOL</th> </tr> </thead> <tbody> <tr><td>Feather</td><td>-0.5°</td><td>-5.2°</td></tr> <tr><td>RMS Noise, µB</td><td>2.5</td><td>17.4</td></tr> <tr><td>Source Vol</td><td>2360</td><td>2360</td></tr> <tr><td>Pressure</td><td>2034</td><td>2066</td></tr> <tr><td>Wind, kt</td><td>SSW 30</td><td>SW 25</td></tr> <tr><td>Swell, m</td><td>2</td><td>3</td></tr> <tr><td>Swell Dir</td><td>SSW</td><td>SW</td></tr> <tr><td>Tape</td><td>22</td><td>22</td></tr> </tbody> </table>			SOL	EOL	Feather	-0.5°	-5.2°	RMS Noise, µB	2.5	17.4	Source Vol	2360	2360	Pressure	2034	2066	Wind, kt	SSW 30	SW 25	Swell, m	2	3	Swell Dir	SSW	SW	Tape	22	22
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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		<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		<table border="1"> <thead> <tr> <th></th> <th>Noisy</th> <th>Weak</th> <th>Dead</th> <th>Comments</th> </tr> </thead> <tbody> <tr><td>Aux. Ch's</td><td>8, 10, 11, 12</td><td></td><td></td><td></td></tr> <tr><td>Channel No.</td><td>393</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> </tbody> </table>			Noisy	Weak	Dead	Comments	Aux. Ch's	8, 10, 11, 12				Channel No.	393																																													
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Client:	DPI		Prospect:		Southern Flank 2D				Line No:	DPISF-035-P1020		
Line Details									Date:		28 Feb 10	
Time	SP	File	Reel	Error	Comments					RMS Noise	W/Depth	Feather
UTC										µB	m	°
2:35					Gun Arrays Soft Start.							
3:10					Soft Start Complete.							
		979	22		BOT, Noise Test					2.6		
		980			Noise Test					2.5		
3:20	981	981			FSP							
3:22	1001	1001			FGSP, FCSP, SOL						55.5	-0.5°
	2040	2040			Random swell noise affecting approx 0 to 2% traces (>25µB)							
	2500	2500			Random swell noise affecting approx 0 to 5% traces (>25µB)							
	2944	2944			BAD SP: Gun 2-6 ( 40 Cu.In.) - Autofire							
	2951	2951			BAD SP: Gun 2-6 ( 40 Cu.In.) - Autofire							
	2964	2964			BAD SP: Gun 2-6 ( 40 Cu.In.) - Autofire							
	2991	2991			BAD SP: Gun 2-6 ( 40 Cu.In.) - Autofire							
	3100	3100			Random swell noise affecting approx 2 to 15% traces (>25µB)							
	3435	3435			Streamer depth set to 8.5m at client request, streamer depth unstable d/t swell noise							
	4210	4210			BAD SP: Gun 2-6 ( 40 Cu.In.) - Autofire							
	4211	4211			BAD SP: Gun 2-6 ( 40 Cu.In.) - Autofire							
	4350	4350			Random swell noise affecting approx 5 to 25% traces (>25µB)							
	4980	4980			Ship noise observed from ahead (approx 6-10µB), moveout approx 700mS/km							
10:34	5082	5082			LFFSP						76	-5.7°
	5090	5090			Ship noise now from abeam (approx 6-10µB), moveout approx 50mS/km							
	5130	5130			Ship noise now from astern (approx 6-10µB), moveout approx 300mS/km							
10:53	5218	5218			LGSP						77.8	-5.2°
10:53	5220	5220			LSP. EOL							
		5221			Noise Test, random swell noise affecting 31% traces (>25µB)					28.3		
		5222	22		Noise Test, EOT, random swell noise affecting 15% traces (>25µB)					17.4		
				☑	Cross checked with Navigation							
					LINE COMPLETE							