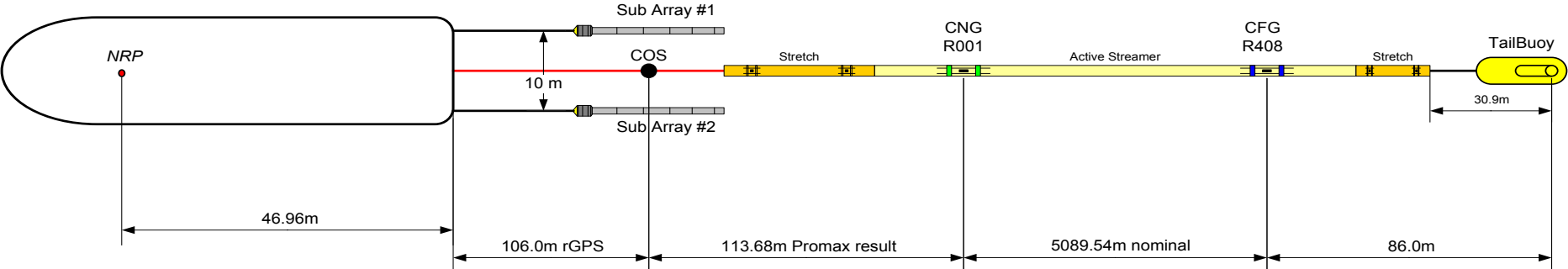
 <p>SeaBird Exploration M/V Aquila Explorer</p>		<h1 style="text-align: center;">OBSERVERS LOG</h1>				SEQ# 057	
		Line status				COMPLETE	
Client:	DPI	Prospect:	Southern Flank 2D		Line No:	DPISF-056-P1057	
Party Chief:		Grame Marsden		Observers:	12:00-00:00 GR GM; 00:00-12:00 ES RK		Date:
						21/03/2010	
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: 9 m		Time: 0:00 File: 5081 SP: 5081 FSP Time: 14:32 File: 5061 SP: 5061 FGSP Time: 14:32 File: 5061 SP: 5061 FCSP Time: 22:20 File: 1007 SP: 1001 LFFSP Time: 22:36 File: 871 SP: 865 LGSP Time: 22:36 File: 869 SP: 863 LSP		223.9° SOL EOL Feather: 3.8° -2.7° RMS Noise, µB: 5.5 2.8 Source Vol: 2360 2360 Pressure: 1998 2004 Wind, kt: SW 35 SW 25-35 Swell, m: 3.5 3.5 Swell Dir: SW SW Tape: 68 68	
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							
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 an NRP (Narrow Range Processor) at the left end. A distance of 46.96m leads to the COS (Control and Observation Station). From COS, the streamer extends to the right. Sub Array #1 and Sub Array #2 are positioned 10m above and below the main streamer line. The main streamer line consists of a 106.0m rGPS section, followed by a 113.68m Promax result section, then a 5089.54m nominal section, and finally an 86.0m section ending at the TailBuoy. Key components along the streamer include CNG R001, Active Streamer, and CFG R408. Stretch sections are indicated between the COS and CNG R001, and between CNG R001 and CFG R408. The total distance from the NRP to the TailBuoy is 5345.18m.</p>							

Client:	DPI		Prospect:		Southern Flank 2D				Line No:	DPISF-056-P1057		
Line Details									Date:		21/03/2010	
Time	SP	File	Reel	Error	Comments				RMS Noise	W/Depth	Feather	
UTC									μB	m	°	
13:41					Gun Arrays Soft Start.							
14:16					Soft Start Complete.							
					Streamer depth 9m							
	5081	5081	68		BOT. FSP. Swell noise present on streamer, up to 15% of traces are affected				6.5			
14:32	5061	5061			FGSP, FCSP, SOL					592.6	3.8°	
					Please, Ignore all errors from gun 2-2 d/t electrical leakage							
	5030	5030			Bad SP, affected by next shot							
	5029				Missed SP d/t navigation (too short time between shots)							
	5028	5029			Mismatch d/t missed SP, good SP							
	4976	4977			Gun 2-2 (150 cu in) disabled, 2-4 (150 cu in) enabled, vol=2360 cu in							
	4970	4971			False misfire gun 1-2, electrical problem							
	4969	4970			False misfire gun 1-2, electrical problem							
	4968	4969			False misfire gun 1-2, electrical problem							
	4967	4968			False misfire gun 1-2, electrical problem							
	4500	4501			10-15% of traces affected by swell and have noise							
	4459	4460			Bad SP, affected by next shot							
	4458				Missed SP d/t navigation (too short time between shots)							
	4457	4459			Mismatch d/t missed SP, good SP							
	3752	3754			Bad SP, affected by next shot							
	3751				Missed SP d/t navigation (too short time between shots)							
	3750	3753			Mismatch d/t missed SP, good SP							
	3500	3503			Swell noise decreased, ~10% of traces affected (with noise level more than 25μbar)							
	3108	3111			Bad SP, affected by next shot							
	3107				Missed SP d/t navigation (too short time between shots)							
	3106	3110			Mismatch d/t missed SP, good SP							
	3030	3034			Bad SP, affected by next shot							
	3029				Missed SP d/t navigation (too short time between shots)							
	3028	3033			Mismatch d/t missed SP, good SP							
	2317	2322			Bad SP, affected by next shot							
	2316				Missed SP d/t navigation (too short time between shots)							
	2315	2321			Mismatch d/t missed SP, good SP							
	1600	1606			Swell noise decreased, <5 % of traces affected, average ambient RMS noise 5-6 μbar							
22:20	1001	1007			LFFSP					39.7	-3.1°	
22:36	865	871			LGSP					40.9	-2.7°	

Client:	DPI		Prospect:		Southern Flank 2D			Line No:	DPISF-056-P1057		
Line Details								Date:		21/03/2010	
22:36	863	869			LSP. EOL						
		868			Noise Test			3.2			
		867			Noise Test, EOT			2.8			
				<input checked="" type="checkbox"/>	Cross checked with Navigation						
					LINE COMPLETE						