SeaBird Exploration

M/V Aquila Explorer

OBSERVERS LOG

SEQ# 039

Line status: ABORTED

Client:	DPI	Prospect:	Southern Flank 2D	Line No:	DPISF-063-P1039
Party Chief:	Alexander (Ben) Dyton	Observers:	12:00-00:00 YT GG; 00:00-12:00 IG OG	Date:	7-Mar-10

Recording Parameters

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

Recording Details

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

Line statistics

	Time	File	SP
FSP	15:40	1230	1230
FGSP	15:40	1230	1230
FCSP	15:40	1230	1230
LFFSP	18:11	2533	2535
LGSP	18:28	2668	2671
LSP	18:28	2668	2671

Line comments

SOL streamer not being straight d/t inline start on shallows area

From SP 2310 streamer set to 9m depths d/t high levels of swell noise Line aborted d/t bad weather conditions

Heading	SOL	EOL
	44.3°	
Feather	57.9°	5.4°
RMS Noise, µB	N/A	15.6
Source Vol	2360	2360
Pressure	2027	2093
Wind, kt	NE 25	NE40
Swell, m	2	4
Swell Dir	NE	NE
Tape	41	41

Source

Depth 6 m

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

Shot interval: 18.75

Navigation

Manufacturer		C&C Tecnologies, USA	
System	C-Nav	RTCM	C-Nav
GPS	C-Nav	RGPS	Buoylink
Fathometer		Kongsberg EA600	
Gyro		TSS Meridian Surveyor	

Traces

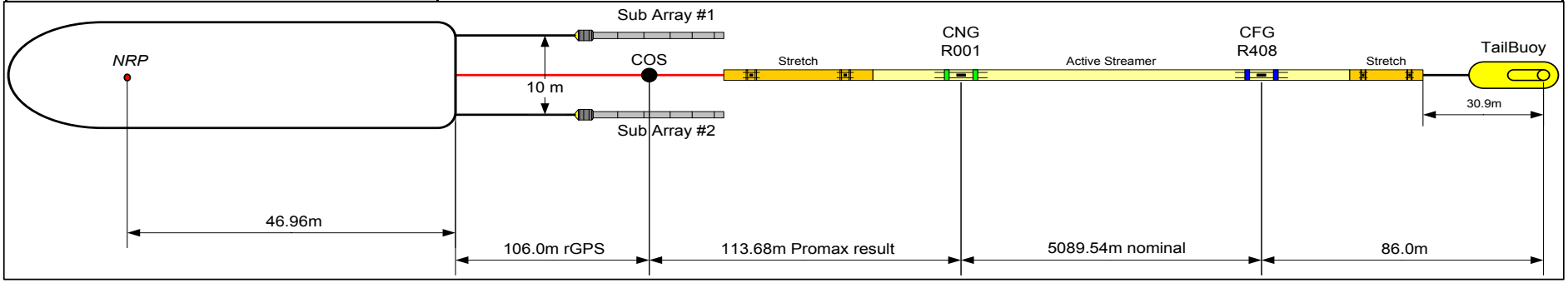
	Noisy	Weak	Dead	Comments
Aux. Ch's	8, 10, 11, 12			
Channel No.	393			

Delta errors 1.00 mS @ SP

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-063-P1039
Line Details				Date:	07 Mar 10

Time	SP	File	Reel	Error	Comments	RMS Noise	W/Depth	Feather
UTC						µB	m	°
14:58					**Gun Arrays Soft Start.**			
15:33					**Soft Start Complete.**			
					SOL streamer not straight d/t inline start in shallows area			
15:40	**1230**	**1230**	41		**FSP, SOL, BOT.** No noise record taken d/t streamer not being straight			
15:40	**1230**	**1230**			**FGSP. FCSP**		**29.2**	57.9°
	1372	1372			Gun 1-4 (60 cu in) failed to detect fire and timing error messages d/t leakage in sensor line, **All SP's are good, confirmed by QC processing**			
	1404	1404			FA<-20°			-19.9°
	1459	1459			FA<-15°, Streamer straight from this SP			-14.9°
	1594	1594			FA <-10°			-9.9°
	1669	1669			Random swell noise up to 4% traces, levels >25µB			
	2084	2084			Random swell noise up to 10% traces, levels >25µB			
	2167				Lost SP, Shot not received from Nav			
	2168	2167			From this SP there is a mismatch of 1 between SP & file numbers Random swell noise up to 15% traces, levels >25µB			
	2310	2309			**Set streamer depths to 9 m d/t high levels of swell noise.** Random swell noise up to 18% traces, levels >25µB			
	2484	2483						
	2485				Lost SP, Shot not received from Nav			
	2486	2484			From this SP there is a mismatch of 2 between SP & file numbers			
	2535	**2533**			**LFFSP**		**39.54**	**3.9°**
	2596				Lost SP, Shot not received from Nav			
	2597	2594			From this SP there is a mismatch of 3 between SP & file numbers			
18:28	**2671**	**2668**			**LGSP,LSP Line aborted d/t bad weather conditions**		**37.88**	**5.4°**
		2669			Noise Test	17.3		
		2670	41		Noise Test, **EOT**	15.6		
				✂	Cross checked with Navigation			
					LINE ABORTED			