SeaBird Exploration

M/V Aquila Explorer

OBSERVERS LOG

SEQ# 001

Line status: ABORTED

Client:	DPI	**Prospect:**	Southern Flank 2D	**Line No:**	DPISF-001-P1001
Party Chief:	Alexander (Ben) Dyton	**Observers:**	12:00-00:00 YT GG; 00:00-12:00 IG OG	**Date:**	21-Feb-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	10:09	981	981
FGSP	10:11	1001	1001
FCSP	10:11	1001	1001
LFFSP	11:27	1658	1658
LGSP	11:42	1794	1794
LSP	11:50	1868	1868

Line comments

Line Aborted d/t air leak coming from Gun 2-7

Heading	45.1°	
	SOL	**EOL**
Feather	1.6°	1.3°
RMS Noise, µB	3.3	N/A
Source Vol	2360	2340
Pressure	2066	2032
Wind, kt	Light airs	Light airs
Swell, m	0.5	0.6
Swell Dir	E	E
Tape	01	02

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

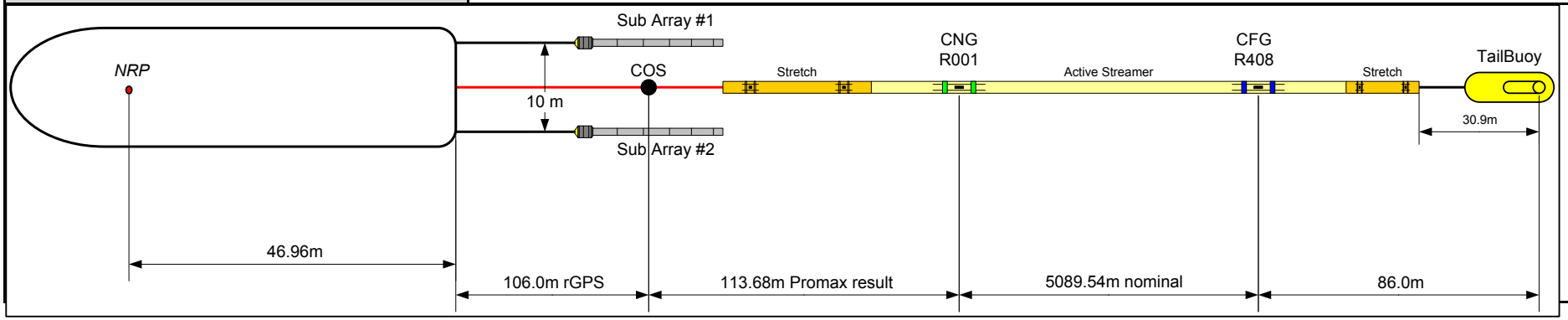
	Noisy	Weak	Dead	Comments
Aux Ch	8 & 10			

Delta errors 1.00 mS @ SP

Misfires @ SP

Autofires @ SP

Other



Client:	DPI	Prospect:	Southern Flank 2D	Line No:	DPISF-001-P1001
Line Details				Date:	21 Feb 10

Time	SP	File	Reel	Error	Comments	RMS Noise	W/Depth	Feather
UTC						µB	m	°
9:25					**Gun Arrays Soft Start.**			
10:00					**Soft Start Complete.**			
		979	**1**		**BOT**, Noise Test	3.3		
		980			Noise Test	3.6		
10:09	**981**	**981**			**FSP**			
10:11	**1001**	**1001**			**FGSP, FCSP, SOL**		**24.6**	**1.6°**
11:27	**1658**	**1658**			**LFFSP**		**26.1**	**1.1°**
11:42	**1794**	**1794**			**LGSP, All data after SP 1794 N.T.B.P d/t air leak gun #2-7**		**26.7**	**1.3°**
	1794	**1794**			**From this SP to EOL, all files are dummy**			
11:50	**1868**	**1868**	**1**		**LSP,EOT Line aborted d/t air leak**			
				☑	Cross checked with Navigation			
					LINE ABORTED			