



ACQUISITION REPORT Sequence-0109



Survey:

Client BHPBP
Area Vic/P45 Gippsland Basin
Vessel GECO_BETA
JobNumber 9227
Survey Type 8 STREAMER DUAL SOURCE

Sequence:

Linename GP022096P109
Preplot GP022096
Direction 198.0°
SOL Date 06:27:49utc 16-Sep-2002
EOL Date 08:56:37utc 16-Sep-2002

Attributes:

Wind Force	30.0	[knots]	Dir SW
Swell Height	2.5	[meters]	Dir SW
Propellor rpm	135	[avg]	
Propellor pitch	90	[avg]	

	SOL	EOL	
Waterdepth	73.5	67.0	[meters]
Bottomspeed	4.3	4.4	[knots]
Featherangle	sb +6.7	port -1.9	[deg]
Cable noise	14.54	11.16	[μBar rms]
Lowcut filter	3	3	[hz]
Filter slope	18	18	[dB]
Filter Slope	18	18	
Port Volume	3542.0	3542.0	
Stbd Volume	3542.0	3542.0	

Source Configuration

Source Number	Position	Inline Offset [m]	Crossline Offset [m]	Nominal Depth [m]	Nom. Vol. [inch ³]	Subarray Count	Gun Count
1	STBD	-345.0	25.0	-7.0	3542.0	3	24
2	PORT	-345.0	-25.0	-7.0	3542.0	3	24

Streamer Configuration

Streamer Number	Position	Inline Offset [m]	Crossline Offset [m]	Nominal Depth [m]	Length [m]	Type	Group Interval [m]	Channel Count	Front-Tail
1	STBD	-520.0	350.0	-8.0	4600	Nessie-3	12.5	368	0001-0368
2	STBD	-520.0	250.0	-8.0	4600	Nessie-3	12.5	368	0369-0736
3	STBD	-520.0	150.0	-8.0	4600	Nessie-3	12.5	368	0737-1104
4	STBD	-520.0	50.0	-8.0	4600	Nessie-3	12.5	368	1105-1472
5	PORT	-520.0	-50.0	-8.0	4600	Nessie-3	12.5	368	1473-1840
6	PORT	-520.0	-150.0	-8.0	4600	Nessie-3	12.5	368	1841-2208
7	PORT	-520.0	-250.0	-8.0	4600	Nessie-3	12.5	368	2209-2576
8	PORT	-520.0	-350.0	-8.0	4600	Nessie-3	12.5	368	2577-2944

Recording Configuration

Channel Set	Descr. Format	Recording	Data Reduction	RecLen [ss ¹]	Sample Int. [ms]	Chan In	Chan # In	Chan Out	Chan # Out	Filter Delay [ms]
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1	NFH	SEGD 8015, Rev.2	NONE	6.0	0.25	0036	0001-0036	0036	0001 - 0036	0.00
2	SEIS	SEGD 8015, Rev.2	NONE	6.0	2.0	0368	0001-0368	0368	0001 - 0368	5.60
3	SEIS	SEGD 8015, Rev.2	NONE	6.0	2.0	0368	0369-0736	0368	0369 - 0736	5.60
4	SEIS	SEGD 8015, Rev.2	NONE	6.0	2.0	0368	0737-1104	0368	0737 - 1104	5.60
5	SEIS	SEGD 8015, Rev.2	NONE	6.0	2.0	0368	1105-1472	0368	1105 - 1472	5.60
6	SEIS	SEGD 8015, Rev.2	NONE	6.0	2.0	0368	1473-1840	0368	1473 - 1840	5.60
7	SEIS	SEGD 8015, Rev.2	NONE	6.0	2.0	0368	1841-2208	0368	1841 - 2208	5.60
8	SEIS	SEGD 8015, Rev.2	NONE	6.0	2.0	0368	2209-2576	0368	2209 - 2576	5.60
9	SEIS	SEGD 8015, Rev.2	NONE	6.0	2.0	0368	2577-2944	0368	2577 - 2944	5.60

Production

	Shotpoint	File	Time [utc]			
SOL Noise Record(s)		2246 - 2247				
SOL Dummy Record(s)	2248 - 2277	2248 - 2277	06:23:38 - 06:27:40			
FSP Start of Line	2278	2278	06:27:49			
MSP						
LSP End of Line	3377	3377	08:56:37			
EOL Dummy Record(s)						
EOL Noise Record(s)		3378 - 3379				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
2278 - 3377	2278 - 3377	06:27:49-08:56:37	Prime	16	Valid	
<u>Remarks:</u>						
Navigation		Streamer depth 8mtrs				
Recording QC		Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1017mB.				

Tape-list

Stream 1			
Shot(s)	Files	Deck Reel	Remark
2246 - 2675	2246 - 2675	1 470	
2676 - 3105	2676 - 3105	1 471	
3106 - 3379	3106 - 3379	2 472	
Stream 2			
Shot(s)	Files	Deck Reel	Remark

Shot(s)	Files	Deck Reel	Remark
2246 - 2675	2246 - 2675	3 470	
2676 - 3105	2676 - 3105	4 471	
3106 - 3379	3106 - 3379	4 472	

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1492	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	109, 243, 1553, 1657, 1991	Spiking Trace(s)	
ALL	ALL	304, 1273	Noisy Trace(s)	
ALL	ALL-	161, 1846, 1983	Killed traces	
2798-2823	2798-2823	2626-2649	Bird depth out of spec	Bird C8-4, max depth 10.7m
2814-2819	2814-2819	2650-2673	Bird depth out of spec	Bird C8-5, max depth 9.7m
3011-3019	3011-3019	2626-2649	Bird depth out of spec	Bird C8-4, max depth 10.5m
3302-3307	3302-3307	ALL	Gun disabled	No Fire on all guns due to loss of aimpoint message

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
2412-2428	2412-2428	50-73	Bird depth out of spec	Bird C1-4
2418-2430	2418-2430	26-49	Bird depth out of spec	Bird C1-3
2626	2626	ALL	Gun timing error	Gun 6-1 error (ms) : -1.6
2660-2684	2660-2684	2258-2281	Bird depth out of spec	Bird C7-4
2669-2679	2669-2679	2234-2257	Bird depth out of spec	Bird C7-3
2669-2685	2669-2685	2282-2305	Bird depth out of spec	Bird C7-5
2670-2689	2670-2689	2626-2649	Bird depth out of spec	Bird C8-4
2679-2680	2679-2680	2602-2625	Bird depth out of spec	Bird C8-3
2695-2711	2695-2711	2626-2649	Bird depth out of spec	Bird C8-4
2771-2797	2771-2797	2626-2649	Bird depth out of spec	Bird C8-4

2795-2830	2795-2830	2674-2697	Bird depth out of spec	Bird C8-6
2797-2813	2797-2813	2650-2673	Bird depth out of spec	Bird C8-5
2820-2829	2820-2829	2650-2673	Bird depth out of spec	Bird C8-5
2998-3014	2998-3014	2282-2305	Bird depth out of spec	Bird C7-5
3005-3032	3005-3032	2650-2673	Bird depth out of spec	Bird C8-5
3089	3089	ALL	External header lost	
3210	3210	ALL	Gun timing error	Gun 6-2 error (ms) : -1.6
3350-3374	3350-3374	2258-2281	Bird depth out of spec	Bird C7-4
3355-3377	3355-3377	2282-2305	Bird depth out of spec	Bird C7-5
3365-3379	3365-3379	2378-2401	Bird depth out of spec	Bird C7-9

Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	ALL	Swell Noise	Affecting 15% of traces, 12uB RMS

List of used abbreviations:

SOL/EOL	Start/End of line.	Deg	Degrees: e[0,360]
FSP/LSP	First/Last shotpoint of the line.	rev	Revolutions
FCSP/LCSP	First/Last chargeable shotpoint	utc	Universal Time Coordinated
MSP	Midnight (last) shotpoint of the day	SPs	Shotpoints
FGSP/LGSP	First/Last Good Shotpoint	CMPs	Common midpoints
FOSP/LOSP	First/Last Overlap Shotpoint	NTBP	Not to be processed
FSP/LSP R/O	First/Last Shotpoint Runout	SI	Seismic interference