



ACQUISITION REPORT Sequence-0078



Survey:

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

Sequence:

Linename GP021952P078
Preplot GP021952
Direction 18.0°
SOL Date 22:39:48utc 04-Sep-2002
EOL Date 01:47:43utc 05-Sep-2002

Attributes:

Wind Force	15.0	[knots]	Dir NNW
Swell Height	1.5	[meters]	Dir SW
Propellor rpm	135	[avg]	
Propellor pitch	90	[avg]	

	SOL	EOL	
Waterdepth	68.6	75.1	[meters]
Bottomspeed	3.8	3.8	[knots]
Featherangle	sb +2.5	sb +8.5	[deg]
Cable noise	10.4	0.0	[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)		3270 - 3269				
SOL Dummy Record(s)	3268 - 3259	3268 - 3259	22:38:13 - 22:39:38			
FSP Start of Line	3258	3258	22:39:48			
MSP	2741	2741	23:59:50			
LSP End of Line	2094	2094	01:47:43			
EOL Dummy Record(s)						
EOL Noise Record(s)		2093 - 2093				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
3258 - 2094	3258 - 2094	22:39:48- 01:47:43	Prime	16	Valid	
<u>Remarks:</u>						
Navigation	Cable Depth 8 mtrs.					
Recording QC	Frontsheet Set 1. Gundept calibrated at atmospheric pressure 1032mB, pressure now 1016mB.** EOL noise record bad d/t system error**					

Tape-list

Stream 1					
Shot(s)	Files	Deck Reel		Remark	
3270 - 2841	3270 - 2841	1	373		
2840 - 2411	2840 - 2411	2	374		
2410 - 2407	2410 - 2407	1	375	No EOT Mark	

2410 - 2407	2410 - 2407	1	375	No EOT Mark
2406 - 2093	2406 - 2093	1	376	
Stream 2				
Shot(s)	Files	Deck Reel		Remark
3270 - 2841	3270 - 2841	3	373	
2840 - 2411	2840 - 2411	4	374	
2410 - 2407	2410 - 2407	3	375	No EOT Mark
2406 - 2093	2406 - 2093	4	376	

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	304	Noisy Trace(s)	
ALL	ALL	1492	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	1991, 243, 109, 1657, 1553	Spiking Trace(s)	
ALL	ALL-2095	161	Killed traces	
ALL	ALL-2095	1846	Killed traces	
ALL	ALL-2095	1983	Killed traces	
2716-2711	2716-2711	242-265	Bird depth out of spec	Bird C1-12 max 10.5 m
2568	2568	ALL	No source fired	

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1-13, 15-17, 369-381, 383, 737-745, 748, 2209-2228, 2230-2232, 2235, 2577-2595, 2597-2600	Slope alarm	> 5% of total line
3010-2992	3010-2992	NONE	Bird depth out of spec	Bird C8-6
2859	2859	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2811	2811	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
2627	2627	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2623	2623	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
2311	2311	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1

Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
3150	3150	ALL	Gun not fired	Gun 5-1 did not fire array 2 vol 3282
3140	3140	ALL	Gun not fired	Gun 5-1 did not fire array 2 vol 3282

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