



# ACQUISITION REPORT Sequence-0056



## Survey:

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

## Sequence:

Linename GP021760P056  
Preplot GP021760  
Direction 18.0°  
SOL Date 20:27:39utc 27-Aug-2002  
EOL Date 01:55:34utc 28-Aug-2002

## Attributes:

Wind Force	16.0	[knots]	Dir NE
Swell Height	1.5	[meters]	Dir E
Propellor rpm	135	[avg]	
Propellor pitch	90	[avg]	

  

	SOL	EOL	
Waterdepth	66.0	75.0	[meters]
Bottomspeed	4.4	4.1	[knots]
Featherangle	sb +18.1	port -5.4	[deg]
Cable noise	8.0	7.0	[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 <sup>3</sup> ]	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 <sup>1</sup> ]	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)		3275 - 3274				
SOL Dummy Record(s)	3273 - 3264	3273 - 3264	20:26:16 - 20:27:30			
FSP Start of Line	3263	3263	20:27:39			
MSP	1664	1664	23:59:58			
LSP End of Line	878	878	01:55:34			
EOL Dummy Record(s)						
EOL Noise Record(s)		877 - 877				
<b><u>Line-segments:</u></b>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
3263 - 878	3263 - 878	20:27:39-01:55:34	Prime	16	Valid	
<b><u>Remarks:</u></b>						
Navigation	Streamer depth 8.0 mtr					
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1030mB. High noise value, bend in cables @ SOL d/t short run-in.					

### Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
3275 - 2846	3275 - 2846	1	270	
2845 - 2416	2845 - 2416	2	271	
2415 - 1986	2415 - 1986	1	272	

2415 - 1986	2415 - 1986	1	272
1985 - 1930	1985 - 1930	2	273
1929 - 1500	1929 - 1500	1	274
1499 - 1070	1499 - 1070	2	275
1069 - 877	1069 - 877	1	276

#### Stream 2

Shot(s)	Files	Deck	Reel	Remark
3275 - 2846	3275 - 2846	3	270	
2845 - 2416	2845 - 2416	4	271	
2415 - 1986	2415 - 1986	3	272	
1985 - 1930	1985 - 1930	4	273	
1929 - 1500	1929 - 1500	3	274	
1499 - 1070	1499 - 1070	4	275	
1069 - 877	1069 - 877	3	276	

### Seismic Data Annotations

#### NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL- 879	161	Killed traces	
ALL	ALL- 879	1846	Killed traces	
ALL	ALL	304	Noisy Trace(s)	
ALL	ALL	1492	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	1991, 1983, 243, 109, 1657	Spiking Trace(s)	
2140- 2094	2140- 2094	2282-2305	Bird depth out of spec	Bird 7-5 max 10.4 m
2119- 2092	2119- 2092	2258-2281	Bird depth out of spec	Bird 7-4 max 10.8 m
1871- 1836	1871- 1836	2258-2281	Bird depth out of spec	Bird 7-4 max 10.7 m
1862- 1837	1862- 1837	2234-2257	Bird depth out of spec	Bird 7-3 max 10.9 m
1219- 1209	1219- 1209	2258-2281	Bird depth out of spec	Bird 7-4 max 11.1 m
894	894	ALL	Gun autofire	Gun 5-6 at 46 ms after aimpoint

#### Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	ALL	Gun PI	Gun PI string 5 erratic reading
3059	3059	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
3027	3027	ALL	Gun timing error	Gun 2-3 error (ms) : -1.4

2643	2643	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2373	2373	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2131-1992	2131-1992	2599-2681	Monowing wash	Low frequency, high amplitude noise due to monowing wash
1947	1947	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1876-1834	1876-1834	2599-2681	Monowing wash	Low frequency, high amplitude noise due to monowing wash
1195-1165	1195-1165	2599-2681	Monowing wash	Low frequency, high amplitude noise due to monowing wash

### Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
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#### List of used abbreviations:

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