



# ACQUISITION REPORT Sequence-0007



## Survey:

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

## Sequence:

Linename GP021056P007  
Preplot GP021056  
Direction 18.0°  
SOL Date 14:52:56utc 10-Aug-2002  
EOL Date 19:18:52utc 10-Aug-2002

## Attributes:

Wind Force	20.0	[knots]	Dir NW
Swell Height	1.5	[meters]	Dir SW
Propellor rpm	135	[avg]	
Propellor pitch	90	[avg]	

  

	SOL	EOL	
Waterdepth	97.0	324.0	[meters]
Bottomspeed	4.2	4.3	[knots]
Featherangle	sb +4.5	sb +5.8	[deg]
Cable noise	11.5	5.5	[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)		2995 - 2994	
SOL Dummy Record(s)	2993 - 2984	2993 - 2984	14:51:30 - 14:52:47
FSP Start of Line MSP	2983	2983	14:52:56
LSP End of Line	1144	1144	19:18:52
EOL Dummy Record(s)			
EOL Noise Record(s)		1143 - 1143	
<b><u>Line-segments:</u></b>			
<b>SPs</b>	<b>Files</b>	<b>Times [utc]</b>	<b>Type    # CMPs    Status Remarks</b>
2983 - 1144	2983 - 1144	14:52:56-19:18:52	Prime    16    Valid
<b><u>Remarks:</u></b>			
Navigation	Streamer depth 8.0mtr		
Recording QC	Frontsheet Set 1. Gundept calibrated at atmospheric pressure 1032mB, pressure now 1016mB. High noise value, bend in cables @ SOL d/t rip currents. EOL noise records contain duplicate file numbers. 1144.		

### Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
2995 - 2566	2995 - 2566	1	31	

2995 - 2566	2995 - 2566	1	31
2565 - 2136	2565 - 2136	2	32
2135 - 1706	2135 - 1706	1	33
1705 - 1276	1705 - 1276	2	34
1275 - 1144	1275 - 1144	2	35

#### Stream 2

Shot(s)	Files	Deck	Reel	Remark
2995 - 2566	2995 - 2566	3	31	
2565 - 2136	2565 - 2136	4	32	
2135 - 1706	2135 - 1706	3	33	
1705 - 1276	1705 - 1276	4	34	
1275 - 1144	1275 - 1144	3	35	

## Seismic Data Annotations

### NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	161, 304	Noisy Trace(s)	
ALL	ALL	2497, 1492	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	1657	Spiking Trace(s)	Occ spiking
ALL	ALL	109	Killed traces	
2872-2863	2872-2863	2234-2257	Bird depth out of spec	Bird C7-3 min depth 5.8m

### Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1-17, 22, 369-383, 737-744, 1473, 1841-1855, 1857-1862, 1864-1865, 2209-2235, 2241, 2577-2601, 2603-2607, 2609, 2611-2614	Slope alarm	> 5% of total line
2798	2798	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2
2742	2742	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2637	2637	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2620	2620	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2512	2512	ALL	Gun timing error	Gun 4-1 error (ms) : 1.6
2411-2405	2411-2405	NONE	Bird depth out of spec	Bird C7-4 max 10.0 mtrs
2385	2385	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1

2190	2190	ALL	Gun timing error	Gun 5-4 error (ms) : -1.7
2126	2126	ALL	Gun timing error	Gun 5-4 error (ms) : 1.1
2096	2096	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2092	2092	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2072	2072	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1669	1669	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1661	1661	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1580	1580	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1370	1370	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1365	1365	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1194	1194	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1189	1189	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1

### Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
2520- 1500	2520- 1500	ALL	Strong reflections	Multiples and late arrivals seen on all cables

#### 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