



# ACQUISITION REPORT Sequence-0009



## Survey:

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

## Sequence:

Linename GP021072P009  
Preplot GP021072  
Direction 18.0°  
SOL Date 02:44:11utc 11-Aug-  
2002  
EOL Date 07:12:39utc 11-Aug-  
2002

## Attributes:

Wind Force	12.0	[knots]	Dir NW
Swell Height	1.5	[meters]	Dir SW
Propellor rpm	135	[avg]	
Propellor pitch	90	[avg]	

  

	SOL	EOL	
Waterdepth	95.0	310.0	[meters]
Bottomspeed	3.8	4.5	[knots]
Featherangle	sb +10.3	sb +5.5	[deg]
Cable noise	4.9	6.7	[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)		2994 - 2993				
SOL Dummy Record(s)	2992 - 2983	2992 - 2983	02:42:36 - 02:44:01			
FSP Start of Line	2982	2982	02:44:11			
MSP						
LSP End of Line	1144	1144	07:12:39			
EOL Dummy Record(s)						
EOL Noise Record(s)		1143 - 1143				
<b><u>Line-segments:</u></b>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
2982 - 1144	2982 - 1144	02:44:11-07:12:39	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 1007mB. Strong reflection observed in deep water					

### Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
2994 - 2565	2994 - 2565	1	41	
2564 - 2135	2564 - 2135	2	42	
2134 - 1705	2134 - 1705	1	43	

2134 - 1705	2134 - 1705	1	43
1704 - 1275	1704 - 1275	2	44
1274 - 1143	1274 - 1143	1	45
<b>Stream 2</b>			
<b>Shot(s)</b>	<b>Files</b>	<b>Deck Reel</b>	<b>Remark</b>
2994 - 2565	2994 - 2565	3	41
2564 - 2135	2564 - 2135	4	42
2134 - 1705	2134 - 1705	3	43
1704 - 1275	1704 - 1275	4	44
1274 - 1143	1274 - 1143	3	45

## **Seismic Data Annotations**

### **NTBP**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
ALL	ALL-1145	109	Killed traces	
ALL	ALL	1657	Spiking Trace(s)	
ALL	ALL	161, 304, 2345	Noisy Trace(s)	
ALL	ALL	1492, 2497	Weak Trace(s)	Trace signal less than -6dB of nominal value
2172	2172	ALL	External header lost	
1360	1360	ALL	External header lost	

### **Warning**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
ALL	ALL	1-13, 15-17, 22, 369-381, 383, 737-742, 1473, 1841-1855, 1857-1858, 1861-1862, 1864, 2209-2235, 2241, 2577-2601, 2603-2607, 2609, 2611-2614, 2616-2617	Slope alarm	> 5% of total line
2795	2795	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2669	2669	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
2642	2642	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2542	2542	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2
2530	2530	ALL	Gun timing error	Gun 5-4 error (ms) : -1.5
2400	2400	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2344	2344	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1

2318	2318	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2190-2110	2190-2110	ALL	Refraction noise	Refraction noise observed on far traces rms ~12ubar
2175-1785	2175-1785	ALL	Ship Noise	From abeam. Level 23 uBar.
2022	2022	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2010	2010	ALL	Gun timing error	Gun 5-4 error (ms) : -1.3
1808	1808	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2
1410	1410	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2

### 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>FSP/LSP</b>	First/Last shotpoint of the line.
<b>FCSP/LCSP</b>	First/Last chargeable shotpoint
<b>MSP</b>	Midnight (last) shotpoint of the day
<b>FGSP/LGSP</b>	First/Last Good Shotpoint
<b>FOSP/LOSP</b>	First/Last Overlap Shotpoint
<b>FSP/LSP R/O</b>	First/Last Shotpoint Runout

<b>Deg</b>	Degrees: e[0,360]
<b>rev</b>	Revolutions
<b>utc</b>	Universal Time Coordinated
<b>SPs</b>	Shotpoints
<b>CMPs</b>	Common midpoints
<b>NTBP</b>	Not to be processed
<b>SI</b>	Seismic interference