



# ACQUISITION REPORT Sequence-0035



## Survey:

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

## Sequence:

Linename GP021680P035  
Preplot GP021680  
Direction 18.0°  
SOL Date 10:27:04utc 20-Aug-  
2002  
EOL Date 15:49:35utc 20-Aug-  
2002

## Attributes:

Wind Force 10.0 [knots] Dir W  
Swell Height 1.5 [meters] Dir SW  
Propellor rpm 135 [avg]  
Propellor 91 [avg]  
pitch  
  
**SOL EOL**  
Waterdepth 69.0 75.0 [meters]  
Bottomspeed 4.56 4.2 [knots]  
Featherangle sb +2.1 sb +9.4 [deg]  
Cable noise 15.03 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 '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)		3278 - 3277				
SOL Dummy Record(s)	3276 - 3267	3276 - 3267	10:25:44 - 10:26:56			
FSP Start of Line MSP	3266	3266	10:27:04			
LSP End of Line	878	878	15:49:35			
EOL Dummy Record(s)	877 - 877	877 - 877	15:49:44 - 15:49:44			
EOL Noise Record(s)		877 - 877				
<b><u>Line-segments:</u></b>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
3266 - 2603	3266 - 2603	10:27:04-11:54:19	Prime	16	Valid	
2602 - 2571	2602 - 2571	11:54:27-11:58:22	Prime	0	Scratched	All data scratch d/t gun 2-5 autofire.
2570 - 2184	-	-	Prime	0	Scratched	No data recorded
2183 - 878	2183 - 878	13:00:43-15:49:35	Prime	16	Valid	
<b><u>Remarks:</u></b>						
Navigation	Streamer depth at 8.0m					
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1016mB. High noise value, bend in cables @ SOL (RMS 15.03uBar) d/t short run-in. Edit sp 2602-2184 due to gun autofire					

### Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
3278 - 2849	3278 - 2849	1	163	
2848 - 2032	2848 - 2032	2	164	
2031 - 1602	2031 - 1602	1	165	
1601 - 1172	1601 - 1172	2	166	
1171 - 877	1171 - 877	1	167	
Stream 2				
Shot(s)	Files	Deck Reel		Remark
3278 - 2849	3278 - 2849	3	163	
2848 - 2032	2848 - 2032	4	164	
2031 - 1602	2031 - 1602	3	165	
1601 - 1172	1601 - 1172	4	166	
1171 - 877	1171 - 877	3	167	

### Seismic Data Annotations

#### NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL- 879	161, 1846	Killed traces	
ALL	ALL	1492, 1983	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	243, 1657, 1991	Spiking Trace(s)	
ALL	ALL	304, 1303, 2345	Noisy Trace(s)	
2602-2571	2602-2571	ALL	Autofire	Auto fire on gun string 2-5
2570-2184		ALL	Lost Shotpoint	No Data Recorded
2106	2106	ALL	External header lost	
1928-1922	1928-1922	347, 363	Parity errors	
1631	1631	ALL	External header lost	

#### Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1-13, 15-17, 22, 369-381, 383, 737-748, 751-752, 755, 760, 763-764, 2209-2233, 2235, 2577-2601, 2603,	Slope alarm	> 5% of total line

2606

3196	3196	ALL	Gun Timing Error	Gun 5-3 error (ms) : 1.1
2984	2984	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
2927	2927	ALL	Gun timing error	Gun 2-5 error (ms) : 1.1
2882	2882	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
2789	2789	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2129	2129	ALL	Gun timing error	Gun 2-3 error (ms) : -1.4
1933	1933	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1775	1775	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1699	1699	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1657	1657	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
1511	1511	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1473	1473	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
1365	1365	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1345	1345	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1169	1169	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1121	1121	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
1043	1043	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
895	895	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1

### 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