



# ACQUISITION REPORT Sequence-0012



## Survey:

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

## Sequence:

Linename GP021296P012  
Preplot GP021296  
Direction 198.0°  
SOL Date 14:38:02utc 14-Aug-  
2002  
EOL Date 16:22:17utc 14-Aug-  
2002

## Attributes:

Wind Force 16.0 [knots] Dir WSW  
Swell Height 2.0 [meters] Dir SW  
Propellor rpm 135 [avg]  
Propellor 90 [avg]  
pitch  
  
**SOL EOL**  
Waterdepth 192.0 74.0 [meters]  
Bottomspeed 4.6 4.6 [knots]  
Featherangle sb +2.0 sb +12.0 [deg]  
Cable noise 18.6 15.6 [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)		2288 - 2289				
SOL Dummy Record(s)	2290 - 2299	2290 - 2299	14:36:41 - 14:37:54			
FSP Start of Line	2300	2300	14:38:02			
MSP						
LSP End of Line	3101	3101	16:22:17			
EOL Dummy Record(s)						
EOL Noise Record(s)		3102 - 3103				
<b><u>Line-segments:</u></b>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
2300 - 3101	2300 - 3101	14:38:02-16:22:17	Prime	16	Valid	
<b><u>Remarks:</u></b>						
Navigation	Streamer depth 8mtrs					
Recording QC	Frontsheet Set 1. Gundept calibrated at atmospheric pressure 1032mB, pressure now 1032mB. Ext screw noise on EOL noise record.					

### Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
2288 - 2717	2288 - 2717	1	55	
2718 - 3103	2718 - 3103	2	56	
Stream 2				

Stream 2				
Shot(s)	Files	Deck Reel		Remark
2288 - 2717	2288 - 2717	3	55	
2718 - 3103	2718 - 3103	4	56	

## **Seismic Data Annotations**

### **NTBP**

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	109	Killed traces	
ALL	ALL	161, 303, 2345	Noisy Trace(s)	
ALL	ALL	1657	Spiking Trace(s)	
ALL	ALL	2497, 1492	Weak Trace(s)	Trace signal less than -6dB of nominal value
2331-2341	2331-2341	418-441	Bird depth out of spec	Bird C2-4 deep max 10.5 mtrs
2534-2538	2534-2538	26-49	Bird depth out of spec	Bird C1-3 deep max 10.5 mtrs
2537-2546	2537-2546	50-73	Bird depth out of spec	Bird C1-4 deep max 10.2 mtrs
2551-2556	2551-2556	418-441	Bird depth out of spec	Bird C2-4 deep max 10.1 mtrs
2575	2575	ALL	External header lost	
2590	2590	ALL	External header lost	
2711	2711	ALL	External header lost	
2741-2761	2741-2761	2626-2649	Bird depth out of spec	Bird C8-4 deep max 10.9 mtrs
2944	2944	ALL	External header lost	

### **Warning**

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	ALL	Swell Noise	Swell noise seen on all streamers approx 15-20%
ALL	ALL	2577-2944	Parity errors	Low level parity errors observed streamer 6
ALL	ALL	NONE	Gun & Cable depth	All gun and cable depths fluctuating due to large swell.
ALL	ALL	NONE	Bad bird	Bird 4-8 intrmittent comms
ALL	ALL	1-12, 15, 369-377, 379, 381, 737-739, 741, 744-745, 748, 752, 764, 1841-1851, 1857, 2209-2225, 2228, 2231,	Slope alarm	> 5% of total line

2577-2600

2290-3100	2290-3100	ALL	Slope overload	
2352	2352	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2372	2372	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2640	2640	ALL	Gun timing error	Gun 5-4 error (ms) : -1.3
3070	3070	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1

### Comment

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
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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