



# ACQUISITION REPORT Sequence-0027



## Survey:

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

## Sequence:

Linename GP021200P027  
Preplot GP021200  
Direction 18.0°  
SOL Date 09:34:35utc 18-Aug-2002  
EOL Date 13:26:06utc 18-Aug-2002

## Attributes:

Wind Force	10.0	[knots]	Dir SW
Swell Height	1.5	[meters]	Dir SW
Propellor rpm	135	[avg]	
Propellor pitch	90	[avg]	

  

	SOL	EOL	
Waterdepth	86.0	210.0	[meters]
Bottomspeed	4.7	4.7	[knots]
Featherangle	sb +1.2	sb +7.1	[deg]
Cable noise	9.2	5.4	[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)		2992 - 2991				
SOL Dummy Record(s)	2990 - 2981	2990 - 2981	09:33:19 - 09:34:27			
FSP Start of Line	2980	2980	09:34:35			
MSP						
LSP End of Line	1143	1143	13:26:06			
EOL Dummy Record(s)						
EOL Noise Record(s)		1142 - 1142				
<b><u>Line-segments:</u></b>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
2980 - 1143	2980 - 1143	09:34:35-13:26:06	Prime	16	Valid	
<b><u>Remarks:</u></b>						
Navigation	Streamer depth 8mtrs					
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1030B. High noise value, bend in cables @ SOL d/t short run-in.					

### Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
2992 - 2563	2992 - 2563	2	125	
2562 - 2133	2562 - 2133	1	126	
2132 - 1703	2132 - 1703	2	127	

2132 - 1703	2132 - 1703	2	127
1702 - 1273	1702 - 1273	2	128
1272 - 1142	1272 - 1142	1	129

#### Stream 2

Shot(s)	Files	Deck Reel	Remark
2992 - 2563	2992 - 2563	3 125	
2562 - 2133	2562 - 2133	4 126	
2132 - 1703	2132 - 1703	3 127	
1702 - 1273	1702 - 1273	4 128	
1272 - 1142	1272 - 1142	3 129	

#### Stream 1001

Shot(s)	Files	Deck Reel	Remark
3056 - 1137	-1 - 1141	1001 0	

## Seismic Data Annotations

### NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	161, 243, 1255, 1846	Killed Trace	
ALL	ALL	1492, 1983	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	1657, 1991	Spiking Trace(s)	
ALL	ALL	304, 1303, 2345	Noisy Trace(s)	
2567	2567	ALL	External header lost	

### Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	304, 1303, 2345	Bad Gun D\I	Gun 5-6 Bad D\I
2827-2809	2827-2809	NONE	Bird depth out of spec	Bird C8-4
2665	2665	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2585	2585	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2499-2329	2499-2329	ALL	Current noise	Low frequency noise dt current change approx 30uB
2475	2475	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2453	2453	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2292-1800	2292-1800	NONE	Reflections	Strong reflections observed
2191	2191	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2165	2165	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2134-2121	2134-2121	NONE	Bird depth out of spec	Bird C2-5

2118	2118	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
2116-2101	2116-2101	NONE	Bird depth out of spec	Bird C2-4
1742-1650	1742-1650	NONE	Current noise	Low frequency noise dt current change approx 30uB
1741-1728	1741-1728	NONE	Bird depth out of spec	Bird C2-3
1481	1481	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1228	1228	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
1153	1153	NONE	Bird depth out of spec	Bird C8-5
1141-1137		ALL	Parity error	Command Line
1132-OPEN	OPEN	ALL	Parity error	Command Line

### 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