



# ACQUISITION REPORT Sequence-0013



## Survey:

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

## Sequence:

Linename GP021104P013  
Preplot GP021104  
Direction 18.0°  
SOL Date 19:01:41utc 14-Aug-2002  
EOL Date 23:14:09utc 14-Aug-2002

## Attributes:

Wind Force	10.0	[knots]	Dir S
Swell Height	2.0	[meters]	Dir SE
Propellor rpm	135	[avg]	
Propellor pitch	90	[avg]	

  

	SOL	EOL	
Waterdepth	96.0	0.0	[meters]
Bottomspeed	4.5	0.0	[knots]
Featherangle	sb +10.0	port -2.0	[deg]
Cable noise	11.1	22.2	[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)						
SOL Dummy Record(s)						
FSP Start of Line	2982		19:01:41			
MSP						
LSP End of Line	1143	1143	23:14:09			
EOL Dummy Record(s)						
EOL Noise Record(s)						
<b><u>Line-segments:</u></b>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
2982 - 1143	- 1143	-23:14:09	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 1030mB.				

### Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
2990 - 2565	2990 - 2565	1	57	
2564 - 2135	2564 - 2135	2	58	
2134 - 1705	2134 - 1705	1	59	
1704 - 1275	1704 - 1275	2	60	
1274 - 1143	1274 - 1143	1	61	

### Stream 2

Stream 2				
Shot(s)	Files	Deck Reel		Remark
2990 - 2565	2990 - 2565	3	57	
2564 - 2135	2564 - 2135	4	58	
2134 - 1705	2134 - 1705	3	59	
1704 - 1275	1704 - 1275	4	60	
1274 - 1143	1274 - 1143	3	61	

## **Seismic Data Annotations**

### **NTBP**

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	109	Killed traces	
ALL	ALL	161, 304, 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
2866		1846, 1862, 1878, 1894, 1910, 1926, 1942, 1958, 1974, 1990, 2006, 2022, 2038, 2054, 2070, 2086, 2102, 2118, 2134, 2150, 2166, 2182, 2198	Parity errors	Parity errors cable 6 line 6
2771-2770		1845, 1861, 1877, 1893, 1909, 1925, 1941, 1957, 1973, 1989, 2005, 2021, 2037, 2053, 2069, 2085, 2101, 2117, 2133, 2149, 2165, 2181, 2197	Parity errors	Parity errors str-6 line-5
2737		1846, 1862, 1958, 1990, 2070, 2102	Parity errors	
2575	2575	1894, 1910, 1926, 2022, 2038, 2118, 2150, 2166	Parity errors	

2528	2528	1878, 1894, 1926, 1990, 1942, 1958, 2054, 2182	Parity errors	
2476	2476	1845, 1861, 1877, 1893, 1909, 1925, 1941, 1957, 1973, 1989, 2005, 2021, 2037, 2053, 2069, 2085, 2101, 2117, 2133, 2149, 2165, 2181, 2197	Parity errors	Parity errors line 6 cable 6
2362- 2354	2362- 2354	2306-2329	Streamer depth	Streamer depth out of spec, Bird 7-6 5.3 m.
2338- 2321	2338- 2321	2330-2353	Streamer depth	Streamer depth out of spec, Bird 7-7 9.9 m.
2308- 2276	2308- 2276	2282-2305	Streamer depth	Streamer depth out of spec, Bird 7-5 10.4 m.
2255	2255	1846, 1862, 1974, 2102, 2198	Parity errors	
2232	2232	1910, 1926, 1974, 2022, 2118, 2198	Parity errors	
1894	1894	1958, 2006, 2022, 2054, 2086, 2102, 2166, 2182	Parity errors	
1603	1603	1845, 1861, 1877, 1893, 1909, 1925, 1941, 1957, 1973, 1989, 2005, 2021, 2037, 2053, 2069, 2085, 2101, 2117, 2133, 2149, 2165, 2181, 2197	Parity errors	Parity errors line 6 cable 6
1573	1573	ALL	External header lost	
1374- 1365	1374- 1365	2258-2281	Bird depth out of spec	Bird C7-4 10.2 m
1206	1206	1862, 1878, 1894, 1910, 2006, 2022, 2038, 2070, 2102, 2118, 2134	Parity errors	

## Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	ALL	Swell Noise	Swell noise seen on all cables approx 15%
ALL	ALL	1846, 1862, 1878, 1894, 1910, 1926, 1942, 1958, 1974, 1990, 2006, 2022, 2038, 2054, 2070, 2086, 2102, 2118, 2134, 2150, 2166, 2182, 2198	Parity errors	Low level parity errors observed cable 6 line 6 throughout line
ALL	ALL	ALL	Streamer depth	All cable depths fluctuating throughout line d/t large swells.
ALL	ALL	NONE	Bad bird	Bird 4-8 intermittent comms
ALL	ALL	1846, 1862, 1878, 1894, 1910, 1926, 1942, 1958, 1974, 1990, 2006, 2022, 2038, 2054, 2070, 2086, 2102, 2118, 2134, 2150, 2166, 2182, 2198	Seismic data parity errors	> 5% of total line
ALL	ALL	1-9, 11-12, 15, 369-376, 379, 381, 737-738, 1841-1851, 2209-2226, 2228, 2231, 2577-2595, 2597-2601, 2603	Slope alarm	> 5% of total line
2890		ALL	Gun Timing Error	Gun 5-4 = -1.5ms
2762		ALL	Gun Timing Error	Gun 5-4 = -1.7ms
2748		ALL	Gun Timing Error	Gun 5-4 = -1.1ms
2638-2619	2638-2619	NONE	Streamer depth	Streamer depth out of spec, Bird 7-4 10.0 m.
2599	2599	ALL	Gun timing error	Gun 1-4 error (ms) : 1.2
2549	2549	ALL	Gun timing error	Gun 1-4 error (ms) : 1.1
2545	2545	ALL	Gun timing error	Gun 1-4 error (ms) : 1.1
2513	2513	ALL	Gun timing error	Gun 1-4 error (ms) : -1.1
2511	2511	ALL	Gun timing error	Gun 1-4 error (ms) : -1.1

2492	2492	ALL	Gun timing error	Gun 5-4 error (ms) : -1.3
2469	2469	ALL	Gun timing error	Gun 1-4 error (ms) : -1.1
2435	2435	ALL	Gun timing error	Gun 1-4 error (ms) : -1.2
2431	2431	ALL	Gun timing error	Gun 1-4 error (ms) : -1.1
2397	2397	ALL	Gun timing error	Gun 1-4 error (ms) : -1.3
2395	2395	ALL	Gun timing error	Gun 1-4 error (ms) : -1.2
2393	2393	ALL	Gun timing error	Gun 1-4 error (ms) : -1.1
2355	2355	ALL	Gun timing error	Gun 1-4 error (ms) : -1.2
2348- 2337	2348- 2337	NONE	Streamer depth	Streamer depth out of spec, Bird 7-6 9.7 m.
2305	2305	ALL	Gun timing error	Gun 1-4 error (ms) : -1.2
2304- 2285	2304- 2285	NONE	Streamer depth	Streamer depth out of spec, Bird 7-6 9.7 m.
2303	2303	ALL	Gun timing error	Gun 1-4 error (ms) : -1.1
2297- 2286	2297- 2286	2258-2281	Streamer depth	Streamer depth out of spec, Bird 7-4 10.8 m.
2288- 2774	2288-	NONE	Streamer depth	Streamer depth out of spec, Bird 7-7 9.6 m.
2236	2236	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2
2222	2222	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2153	2153	ALL	Gun timing error	Gun 1-4 error (ms) : -1.2
2149	2149	ALL	Gun timing error	Gun 1-4 error (ms) : -1.1
2142	2142	ALL	Gun timing error	Gun 5-4 error (ms) : -1.4
2115	2115	ALL	Gun timing error	Gun 1-4 error (ms) : -1.1
1998	1998	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1992	1992	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1951	1951	ALL	Gun timing error	Gun 1-4 error (ms) : -1.3
1929	1929	ALL	Gun timing error	Gun 1-4 error (ms) : -1.1
1909	1909	ALL	Gun timing error	Gun 1-4 error (ms) : -1.1
1849	1849	ALL	Gun timing error	Gun 1-4 error (ms) : -1.3
1821	1821	ALL	Gun timing error	Gun 1-4 error (ms) : 1.1
1819	1819	ALL	Gun timing error	Gun 1-4 error (ms) : 1.1
1732	1732	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2
1728	1728	ALL	Gun timing error	Gun 5-4 error (ms) : -1.3
1682	1682	ALL	Gun timing error	Gun 5-4 error (ms) : -1.3
1678	1678	ALL	Gun timing error	Gun 5-4 error (ms) : -1.7
1674	1674	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1630	1630	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1452	1452	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2
1254	1254	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