



# ACQUISITION REPORT Sequence-0118



## Survey:

Client BHPBP  
Area Vic/P45 Gippsland  
Basin  
Vessel GECO\_BETA  
JobNumber 9227  
Survey Type 6 STREAMER DUAL  
SOURCE

## Sequence:

Linename GP022160K118  
Preplot GP022160  
Direction 198.0°  
SOL Date 20:50:18utc 22-Sep-  
2002  
EOL Date 22:53:21utc 22-Sep-  
2002

## Attributes:

Wind Force	10.0	[knots]	Dir SW
Swell Height	1.0	[meters]	Dir SW
Propellor rpm	135	[avg]	
Propellor pitch	90	[avg]	

  

	<b>SOL</b>	<b>EOL</b>	
Waterdepth	72.7	67.8	[meters]
Bottomspeed	4.8	4.86	[knots]
Featherangle	port -6.7	sb +6.1	[deg]
Cable noise	16.44	7.74	[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	250.0	-8.0	4600	Nessie-3	12.5	368	0001-0368
2	STBD	-520.0	150.0	-8.0	4600	Nessie-3	12.5	368	0369-0736
3	STBD	-520.0	50.0	-8.0	4600	Nessie-3	12.5	368	0737-1104
4	PORT	-520.0	-50.0	-8.0	4600	Nessie-3	12.5	368	1105-1472
5	PORT	-520.0	-150.0	-8.0	4600	Nessie-3	12.5	368	1473-1840
6	PORT	-520.0	-250.0	-8.0	4600	Nessie-3	12.5	368	1841-2208

## Recording Configuration

Channel Set	Descr.	Recording Format	Data Reduction	RecLen [ss <sup>1</sup> ]	Sample Int. [ms]	Chan In	Chan # In	Chan Out	Chan # Out	Filter Delay [ms]
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

### Production

	Shotpoint	File	Time [utc]			
SOL Noise Record(s)		2274 - 2275				
SOL Dummy Record(s)	2276 - 2305	2276 - 2305	20:46:30 - 20:50:11			
FSP Start of Line MSP	2306	2306	20:50:18			
LSP End of Line	3285	3285	22:53:21			
EOL Dummy Record(s)						
EOL Noise Record(s)		3377 - 3378				
<b><u>Line-segments:</u></b>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
2306 - 3285	2306 - 3285	20:50:18- 22:53:21	Infill	12	Valid	
<b><u>Remarks:</u></b>						
Navigation	Streamer depth 8m					
Recording QC	Frontsheet Set 2. Gundept calibrated at atmospheric pressure 1032mB, pressure now 1020mB. High noise value, bend in cables @ SOL d/t short run-in. Bird S3C3 intermittent communications.					

### Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
2274 - 2823	2274 - 2823	1	494	
2824 - 3378	2824 - 3378	2	495	
Stream 2				
Shot(s)	Files	Deck Reel		Remark
2274 - 2823	2274 - 2823	3	494	
2824 - 3378	2824 - 3378	4	495	

**Seismic Data Annotations****NTBP**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
ALL	ALL-	1255, 1615	Killed traces	
ALL	ALL	55	Noisy Trace(s)	
ALL	ALL	1490	Spiking Trace(s)	
2350- 2358	2350- 2358	122-145	Bird depth out of spec	Bird C1-7
2375- 2382	2375- 2382	170-193	Bird depth out of spec	Bird C1-9
2387- 2397	2387- 2397	194-217	Bird depth out of spec	Bird C1-10
2388- 2391	2388- 2391	170-193	Bird depth out of spec	Bird C1-9
2400- 2408	2400- 2408	194-217	Bird depth out of spec	Bird C1-10
2401- 2414	2401- 2414	218-241	Bird depth out of spec	Bird C1-11
2414- 2420	2414- 2420	242-265	Bird depth out of spec	Bird C1-12
2429- 2437	2429- 2437	194-217	Bird depth out of spec	Bird C1-10
2444- 2451	2444- 2451	194-217	Bird depth out of spec	Bird C1-10
2463- 2471	2463- 2471	146-169	Bird depth out of spec	Bird C1-8
2465- 2471	2465- 2471	122-145	Bird depth out of spec	Bird C1-7
2466- 2471	2466- 2471	98-121	Bird depth out of spec	Bird C1-6
2477- 2485	2477- 2485	146-169	Bird depth out of spec	Bird C1-8
2501- 2510	2501- 2510	146-169	Bird depth out of spec	Bird C1-8
2508- 2519	2508- 2519	170-193	Bird depth out of spec	Bird C1-9
2542- 2546	2542- 2546	1-5	Bird depth out of spec	Bird C1-5
2557- 2561	2557- 2561	74-97	Bird depth out of spec	Bird C1-5
2678- 2690	2678- 2690	122-145	Bird depth out of spec	Bird C1-7

**Warning**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
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2315- 2338	2315- 2338	122-145	Bird depth out of spec	Bird C1-7
2321- 2478	2321- 2478	61-168	Monowing wash	Low frequency, high amplitude noise due to monowing wash
2324- 2334	2324- 2334	98-121	Bird depth out of spec	Bird C1-6
2365- 2375	2365- 2375	146-169	Bird depth out of spec	Bird C1-8
2372- 2394	2372- 2394	122-145	Bird depth out of spec	Bird C1-7
2403	2403	ALL	Gun timing error	Gun 1-5 error (ms) : -1.2
2415- 2425	2415- 2425	170-193	Bird depth out of spec	Bird C1-9
2427- 2437	2427- 2437	146-169	Bird depth out of spec	Bird C1-8
2444- 2454	2444- 2454	218-241	Bird depth out of spec	Bird C1-11
2453	2453	ALL	Gun timing error	Gun 1-5 error (ms) : -1.4
2456- 2466	2456- 2466	194-217	Bird depth out of spec	Bird C1-10
2457	2457	ALL	Gun timing error	Gun 1-5 error (ms) : -1.4
2457- 2476	2457- 2476	218-241	Bird depth out of spec	Bird C1-11
2457- 2485	2457- 2485	242-265	Bird depth out of spec	Bird C1-12
2462- 2478	2462- 2478	170-193	Bird depth out of spec	Bird C1-9
2477- 2487	2477- 2487	290-313	Bird depth out of spec	Bird C1-14
2494- 2507	2494- 2507	170-193	Bird depth out of spec	Bird C1-9
2510- 2529	2510- 2529	194-217	Bird depth out of spec	Bird C1-10
2522- 2534	2522- 2534	73-118	Monowing wash	Low frequency, high amplitude noise due to monowing wash
2527	2527	ALL	Gun timing error	Gun 1-5 error (ms) : 1.2
2540- 2552	2540- 2552	1-5	Bird depth out of spec	Bird C1-1
2579	2579	ALL	Gun timing error	Gun 1-5 error (ms) : 1.1
2643- 2674	2643- 2674	62-107	Monowing wash	Low frequency, high amplitude noise due to monowing wash
2657- 2677	2657- 2677	122-145	Bird depth out of spec	Bird C1-7
2666- 2675	2666- 2675	98-121	Bird depth out of spec	Bird C1-6
2668- 2686	2668- 2686	146-169	Bird depth out of spec	Bird C1-8
2682- 2687	2682- 2687	170-193	Bird depth out of spec	Bird C1-9

2690-2706	2690-2706	146-169	Bird depth out of spec	Bird C1-8
2691-2702	2691-2702	122-145	Bird depth out of spec	Bird C1-7
2739	2739	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2751-2759	2751-2759	98-130	Monowing wash	Low frequency, high amplitude noise due to monowing wash
2787	2787	ALL	Gun timing error	Gun 1-5 error (ms) : -1.2
2829	2829	ALL	Gun timing error	Gun 1-5 error (ms) : 1.3
2839	2839	ALL	Gun timing error	Gun 1-5 error (ms) : 1.1
2919-2934	2919-2934	1-5	Bird depth out of spec	Bird C1-1
3103	3103	1139, 1155, 1171, 1187, 1203, 1219, 1235, 1251, 1267, 1283, 1299, 1315, 1331, 1347, 1363, 1379, 1395, 1411, 1427, 1443, 1459	Parity errors	1930 Seismic Data parity errors
3120-3228	3120-3228	ALL	Ship Noise	From astern . Level 8-15uBar. Moveout 100ms/km
3129	3129	ALL	Gun timing error	Gun 1-5 error (ms) : -1.3
3203	3203	ALL	Gun timing error	Gun 1-5 error (ms) : 1.2
3235-3252	3235-3252	1-5	Bird depth out of spec	Bird C1-1
3271	3271	ALL	Gun timing error	Gun 1-5 error (ms) : -1.6
3281	3281	ALL	Gun timing error	Gun 1-5 error (ms) : -1.3

### 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