



# ACQUISITION REPORT Sequence-0101



## Survey:

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

## Sequence:

Linename GP022160J101  
Preplot GP022160  
Direction 198.0°  
SOL Date 15:46:26utc 14-Sep-  
2002  
EOL Date 17:49:55utc 14-Sep-  
2002

## Attributes:

Wind Force 10.0 [knots] Dir N  
Swell Height 0.5 [meters] Dir NE  
Propellor rpm 136 [avg]  
Propellor 83 [avg]  
pitch  
  
**SOL EOL**  
Waterdepth 72.0 66.0 [meters]  
Bottomspeed 5.18 5.4 [knots]  
Featherangle sb +6.4 sb +9.4 [deg]  
Cable noise 15.9 4.5 [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)		2274 - 2275	
SOL Dummy Record(s)	2276 - 2305	2276 - 2305	15:42:55 - 15:46:19
FSP Start of Line MSP	2306	2306	15:46:26
LSP End of Line	3376	3376	17:49:55
EOL Dummy Record(s)			
EOL Noise Record(s)		3377 - 3378	
<b><u>Line-segments:</u></b>			
<b>SPs</b>	<b>Files</b>	<b>Times [utc]</b>	<b>Type    #    Status</b>
2306 - 3376	2306 - 3376	15:46:26-17:49:55	Infill    16    Valid
<b><u>Remarks:</u></b>			
Navigation	Streamer depth 8mtrs		
Recording QC	Frontsheet Set 1. Gundept calibrated at atmospheric pressure 1032mB, pressure now 1006mB. Excessive SOL noise record d/t Bend noise.		

### Tape-list

Stream 1			
Shot(s)	Files	Deck Reel	Remark
2274 - 2703	2274 - 2703	2    446	
2704 - 3133	2704 - 3133	1    447	
3134 - 3378	3134 - 3378	2    448	

3134 - 3378	3134 - 3378	2	448	
<b>Stream 2</b>				
<b>Shot(s)</b>	<b>Files</b>	<b>Deck</b>	<b>Reel</b>	<b>Remark</b>
2274 - 2703	2274 - 2703	4	446	
2704 - 3133	2704 - 3133	3	447	
3134 - 3378	3134 - 3378	4	448	

## Seismic Data Annotations

### NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	109, 243, 1553, 1657, 1991, 2178	Spiking Trace(s)	
ALL	ALL	304, 1273	Noisy Trace(s)	
ALL	ALL	1492	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL-	161, 1846, 1983	Killed traces	
2614- 2622	2614- 2622	418-441	Bird depth out of spec	Bird C2-4, max depth 10.7m
2616- 2620	2616- 2620	442-465	Bird depth out of spec	Bird C2-5, max depth 10.3m
3235- 3245	3235- 3245	2234-2257	Bird depth out of spec	Bird C7-3, max depth 11m
3237- 3272	3237- 3272	2626-2649	Bird depth out of spec	Bird C8-4, max depth 11.9m
3239- 3256	3239- 3256	2611-2625	Bird depth out of spec	Bird C8-3, max depth 11m
3247- 3267	3247- 3267	2650-2673	Bird depth out of spec	Bird C8-5, max depth 10.6m
3258- 3271	3258- 3271	2674-2697	Bird depth out of spec	Bird C8-6, max depth 10.3m

### Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1-12, 369- 374, 379, 737-738, 752, 2209-2223, 2577-2595, 2597-2598, 2600	Slope alarm	> 5% of total line
2306- 2335	2306- 2335	ALL	Streamer noise	Low frequency noise dt bend
2603- 2618	2603- 2618	74-97	Bird depth out of spec	Bird C1-5
2605-	2605-	50-73	Bird depth out of	Bird C1-4

2619	2619		spec	
2623-2642	2623-2642	418-441	Bird depth out of spec	Bird C2-4
3203-3233	3203-3233	1274-1297	Bird depth out of spec	Bird C4-9
3213-3254	3213-3254	2378-2401	Bird depth out of spec	Bird C7-9
3222-3236	3222-3236	2626-2649	Bird depth out of spec	Bird C8-4
3234-3246	3234-3246	2650-2673	Bird depth out of spec	Bird C8-5
3237-3255	3237-3255	2674-2697	Bird depth out of spec	Bird C8-6
3246-3258	3246-3258	2234-2257	Bird depth out of spec	Bird C7-3
3257-3264	3257-3264	2611-2625	Bird depth out of spec	Bird C8-3
3268-3279	3268-3279	2650-2673	Bird depth out of spec	Bird C8-5
3273-3289	3273-3289	2626-2649	Bird depth out of spec	Bird C8-4

### 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