



# ACQUISITION REPORT Sequence-0124



## Survey:

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

## Sequence:

Linename GP022320K124  
Preplot GP022320  
Direction 198.0°  
SOL Date 22:44:57utc 23-Sep-  
2002  
EOL Date 00:41:00utc 24-Sep-  
2002

## Attributes:

Wind Force 7.0 [knots] Dir E  
Swell Height 1.8 [meters] Dir SE  
Propellor rpm 137 [avg]  
Propellor 86 [avg]  
pitch  
  
**SOL EOL**  
Waterdepth 70.0 67.0 [meters]  
Bottomspeed 5.2 5.0 [knots]  
Featherangle port -2.6 sb +8.8 [deg]  
Cable noise 14.0 5.3 [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. Format	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)		2341 - 2342				
SOL Dummy Record(s)	2343 - 2372	2343 - 2372	22:41:28 - 22:44:50			
FSP Start of Line	2373	2373	22:44:57			
MSP	3032	3032	23:59:59			
LSP End of Line	3371	3371	00:41:00			
EOL Dummy Record(s)						
EOL Noise Record(s)		3372 - 3373				
<b><u>Line-segments:</u></b>						
<b>SPs</b>	<b>Files</b>	<b>Times [utc]</b>	<b>Type</b>	<b># CMPs</b>	<b>Status</b>	<b>Remarks</b>
2373 - 3371	2373 - 3371	22:44:57- 00:41:00	Infill	12	Valid	
<b><u>Remarks:</u></b>						
Navigation	Streamer Depth 8 mtrs.					
Recording QC	Frontsheet Set 2. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1012mB. Bird S3C3 No communications. Bend noise present at tail of streamer on SOL noise record. Power spikes on streamer #3 at second part of line.					

### Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
2341 - 2890	2341 - 2890	1	510	
2891 - 3373	2891 - 3373	2	511	
Stream 2				
Shot(s)	Files	Deck Reel		Remark
2341 - 2890	2341 - 2890	3	510	

2341 - 2890	2341 - 2890	3	510
2891 - 3373	2891 - 3373	4	511

## **Seismic Data Annotations**

### **NTBP**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
ALL	ALL-	1615, 1255	Killed traces	
ALL	ALL	55	Noisy Trace(s)	
ALL	ALL	1490, 1810	Spiking Trace(s)	
2600	2600	ALL	Gun timing error	Gun 6-1 error (ms) : 2.0
2805	2805	737-1104	Earth Leakage	Power Spikes on Strm #3
2817	2817	737-1104	Earth Leakage	Power Spikes on Strm #3
2828	2828	737-1104	Earth Leakage	Power Spikes on Strm #3
2829	2829	737-1104	Earth Leakage	Power Spikes on Strm #3
2831	2831	737-1104	Earth Leakage	Power Spikes on Strm #3
2832	2832	737-1104	Earth Leakage	Power Spikes on Strm #3
2833	2833	737-1104	Earth Leakage	Power Spikes on Strm #3
2838	2838	737-1104	Earth Leakage	Power Spikes on Strm #3
2839	2839	737-1104	Earth Leakage	Power Spikes on Strm #3
2878	2878	737-1104	Earth Leakage	Power Spikes on Strm #3
2891	2891	737-1104	Earth Leakage	Power Spikes on Strm #3
2893	2893	737-1104	Earth Leakage	Power Spikes on Strm #3
2894	2894	737-1104	Earth Leakage	Power Spikes on Strm #3
2895	2895	737-1104	Earth Leakage	Power Spikes on Strm #3
2899	2899	737-1104	Earth Leakage	Power Spikes on Strm #3
2900	2900	737-1104	Earth Leakage	Power Spikes on Strm #3
2911	2911	737-1104	Earth Leakage	Power Spikes on Strm #3
2932	2932	737-1104	Earth Leakage	Power Spikes on Strm #3
2933	2933	737-1104	Earth Leakage	Power Spikes on Strm #3
2934	2934	737-1104	Earth Leakage	Power Spikes on Strm #3
2935	2935	737-1104	Earth Leakage	Power Spikes on Strm #3
2936	2936	737-1104	Earth Leakage	Power Spikes on Strm #3
2939	2939	737-1104	Earth Leakage	Power Spikes on Strm #3
2940	2940	737-1104	Earth Leakage	Power Spikes on Strm #3
2942	2942	737-1104	Earth Leakage	Power Spikes on Strm #3
2950	2950	737-1104	Earth Leakage	Power Spikes on Strm #3
2958	2958	737-1104	Earth Leakage	Power Spikes on Strm #3
2967	2967	737-1104	Earth Leakage	Power Spikes on Strm #3
2977	2977	737-1104	Earth Leakage	Power Spikes on Strm #3
2980	2980	737-1104	Earth Leakage	Power Spikes on Strm #3
2981	2981	737-1104	Earth Leakage	Power Spikes on Strm #3
2989	2989	737-1104	Earth Leakage	Power Spikes on Strm #3

2998	2998	737-1104	Earth Leakage	Power Spikes on Strm #3
3003	3003	737-1104	Earth Leakage	Power Spikes on Strm #3
3011	3011	737-1104	Earth Leakage	Power Spikes on Strm #3
3026	3026	737-1104	Earth Leakage	Power Spikes on Strm #3
3029	3029	737-1104	Earth Leakage	Power Spikes on Strm #3
3030	3030	737-1104	Earth Leakage	Power Spikes on Strm #3
3033	3033	737-1104	Earth Leakage	Power Spikes on Strm #3
3034	3034	737-1104	Earth Leakage	Power Spikes on Strm #3
3036	3036	737-1104	Earth Leakage	Power Spikes on Strm #3
3037	3037	737-1104	Earth Leakage	Power Spikes on Strm #3
3050	3050	737-1104	Earth Leakage	Power Spikes on Strm #3
3052	3052	737-1104	Earth Leakage	Power Spikes on Strm #3
3053	3053	737-1104	Earth Leakage	Power Spikes on Strm #3
3054	3054	737-1104	Earth Leakage	Power Spikes on Strm #3
3055	3055	737-1104	Earth Leakage	Power Spikes on Strm #3
3059	3059	737-1104	Earth Leakage	Power Spikes on Strm #3
3060	3060	737-1104	Earth Leakage	Power Spikes on Strm #3
3072	3072	737-1104	Earth Leakage	Power Spikes on Strm #3
3078	3078	737-1104	Earth Leakage	Power Spikes on Strm #3
3084	3084	737-1104	Earth Leakage	Power Spikes on Strm #3
3125	3125	737-1104	Earth Leakage	Power Spikes on Strm #3
3126	3126	737-1104	Earth Leakage	Power Spikes on Strm #3
3127	3127	737-1104	Earth Leakage	Power Spikes on Strm #3
3131	3131	737-1104	Earth Leakage	Power Spikes on Strm #3
3139	3139	737-1104	Earth Leakage	Power Spikes on Strm #3
3240	3240	737-1104	Earth Leakage	Power Spikes on Strm #3
3357	3357	737-1104	Earth Leakage	Power Spikes on Strm #3
3358	3358	737-1104	Earth Leakage	Power Spikes on Strm #3
3364	3364	737-1104	Earth Leakage	Power Spikes on Strm #3

### Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1-5	Bird depth out of spec	Bird C1-1 occasionally shallow 6.8m-6.9m
ALL	ALL	1-9, 11, 13, 369-375, 384, 1473-1481, 1489, 1494, 1841-1853, 1855	Slope alarm	> 5% of total line
2483	2483	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2588	2588	ALL	Gun timing error	Gun 6-1 error (ms) : 1.6
2600-2813	2600-2813	ALL	Ship Noise	From astern. Level 5-10 uBar.
2643	2643	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2788	2788	ALL	Gun timing error	Gun 6-2 error (ms) : -1.6

2849	2849	ALL	Gun timing error	Gun 1-5 error (ms) : 1.3
2863	2863	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2880	2880	ALL	Gun timing error	Gun 6-1 error (ms) : 1.9
2887	2887	ALL	Gun timing error	Gun 1-5 error (ms) : 1.1
2978	2978	ALL	Gun timing error	Gun 6-1 error (ms) : 1.6
2982	2982	ALL	Gun timing error	Gun 6-1 error (ms) : 1.6
2986	2986	ALL	Gun timing error	Gun 6-1 error (ms) : 1.7
3107-3143	3107-3143	2010-2033	Bird depth out of spec	Bird C6-9
3113	3113	ALL	Gun timing error	Gun 1-5 error (ms) : 1.3
3117-3141	3117-3141	50-73	Bird depth out of spec	Bird C1-4
3119-3133	3119-3133	74-97	Bird depth out of spec	Bird C1-5
3123-3135	3123-3135	2034-2057	Bird depth out of spec	Bird C6-10
3126-3139	3126-3139	98-121	Bird depth out of spec	Bird C1-6
3186	3186	ALL	Gun timing error	Gun 6-1 error (ms) : 1.8
3204-3233	3204-3233	2010-2033	Bird depth out of spec	Bird C6-9
3242-3278	3242-3278	2010-2033	Bird depth out of spec	Bird C6-9
3251	3251	ALL	Gun timing error	Gun 1-5 error (ms) : 1.2
3284-3336	3284-3336	2010-2033	Bird depth out of spec	Bird C6-9
3303-3320	3303-3320	1274-1297	Bird depth out of spec	Bird C4-9
3347	3347	ALL	Gun timing error	Gun 1-5 error (ms) : 1.1

### Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
---------	---------	----------	------	--------

#### 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