



# ACQUISITION REPORT Sequence-0054



## Survey:

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

## Sequence:

Linename GP021744P054  
Preplot GP021744  
Direction 18.0°  
SOL Date 06:22:28utc 27-Aug-  
2002  
EOL Date 11:59:44utc 27-Aug-  
2002

## Attributes:

Wind Force 6.0 [knots] Dir NE  
Swell Height 1.0 [meters] Dir E  
Propellor rpm 135 [avg]  
Propellor 90 [avg]  
pitch  
  
**SOL EOL**  
Waterdepth 66.0 75.0 [meters]  
Bottomspeed 4.3 3.7 [knots]  
Featherangle sb +12.7 sb +5.6 [deg]  
Cable noise 9.1 9.7 [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)		3276 - 3275	
SOL Dummy Record(s)	3274 - 3265	3274 - 3265	06:21:02 - 06:22:19
FSP Start of Line MSP	3264	3264	06:22:28
LSP End of Line	878	878	11:59:44
EOL Dummy Record(s)			
EOL Noise Record(s)		877 - 876	
<b><u>Line-segments:</u></b>			
<b>SPs</b>	<b>Files</b>	<b>Times [utc]</b>	<b>Type    # CMPs    Status Remarks</b>
3264 - 878	3264 - 878	06:22:28-11:59:44	Prime    16    Valid
<b><u>Remarks:</u></b>			
Navigation	Streamer depth at 8m.		
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1031mB. Propeller noise from the chase boat / work boat visible during SOL noise record.		

### Tape-list

Stream 1			
Shot(s)	Files	Deck Reel	Remark
3276 - 2847	3276 - 2847	1    258	
2846 - 2417	2846 - 2417	2    259	

2846 - 2417	2846 - 2417	2	259
2416 - 1987	2416 - 1987	1	260
1986 - 1557	1986 - 1557	2	261
1556 - 1127	1556 - 1127	1	262
1126 - 876	1126 - 876	2	263

#### Stream 2

Shot(s)	Files	Deck Reel	Remark
3276 - 2847	3276 - 2847	3	258
2846 - 2417	2846 - 2417	4	259
2416 - 1987	2416 - 1987	3	260
1986 - 1557	1986 - 1557	4	261
1556 - 1127	1556 - 1127	3	262
1126 - 876	1126 - 876	4	263

### Seismic Data Annotations

#### NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	161, 1846	Killed Trace(s)	
ALL	ALL	1492	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	304	Noisy Trace(s)	
ALL	ALL	243, 1991	Spiking Trace(s)	
3183-3172	3183-3172	2258-2281	Bird depth out of spec	Bird C7-4 max depth 10.8mtrs
3176-3153	3176-3153	2282-2305	Bird depth out of spec	Bird C7-5 max depth 11.2mtrs
3165-3150	3165-3150	2650-2673	Bird depth out of spec	Bird C8-5 max depth 11.0mtrs
3164-3120	3164-3120	2674-2697	Bird depth out of spec	Bird C8-6 max depth 11.0mtrs
3162-3124	3162-3124	2698-2721	Bird depth out of spec	Bird C8-7 max depth 11.8mtrs
3142-3128	3142-3128	2722-2745	Bird depth out of spec	Bird C8-8 max depth 11.2mtrs
3126-3114	3126-3114	2354-2377	Bird depth out of spec	Bird C7-8 min depth 4.7mtrs
3077-3064	3077-3064	2282-2305	Bird depth out of spec	Bird C7-5 max depth 11.1mtrs
3056-3041	3056-3041	2650-2673	Bird depth out of spec	Bird C8-5 max depth 11.2mtrs
3055-3019	3055-3019	2674-2697	Bird depth out of spec	Bird C8-6 max depth 11.3mtrs
3048-3014	3048-3014	2698-2721	Bird depth out of spec	Bird C8-7 max depth 11.1mtrs
2944-	2944-	2626-2649	Bird depth out of	Bird C8-4 max depth 10.7mtrs

2939	2939		spec	
2940-2934	2940-2934	2234-2257	Bird depth out of spec	Bird C7-3 max depth 10.7mtrs
1782	1782	ALL	External Header	No external header

### Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
3178-3166	3178-3166	NONE	Bird depth out of spec	Bird C7-7
3159-3148	3159-3148	NONE	Bird depth out of spec	Bird C7-4
3145-3122	3145-3122	NONE	Bird depth out of spec	Bird C8-9
3134-3115	3134-3115	NONE	Bird depth out of spec	Bird C7-4
3087-3064	3087-3064	NONE	Bird depth out of spec	Bird C6-9
3061-3048	3061-3048	NONE	Bird depth out of spec	Bird C7-4
2969	2969	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2964-2955	2964-2955	NONE	Bird depth out of spec	Bird C7-4
2958-2945	2958-2945	NONE	Bird depth out of spec	Bird C8-4
2911	2911	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2830-2806	2830-2806	NONE	Bird depth out of spec	Bird C4-10
2616-2597	2616-2597	NONE	Bird depth out of spec	Bird C7-4
2567	2567	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2023	2023	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1856	1856	ALL	Gun timing error	Gun 4-5 error (ms) : 1.2
1808-1795	1808-1795	NONE	Bird depth out of spec	Bird C7-9
1784	1784	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1760-1747	1760-1747	NONE	Bird depth out of spec	Bird C4-10
1740	1740	ALL	Gun timing error	Gun 4-5 error (ms) : -1.3
1717-1700	1717-1700	NONE	Bird depth out of spec	Bird C4-10
1665	1665	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1655-1645	1655-1645	NONE	Bird depth out of spec	Bird C8-3
1647-1626	1647-1626	NONE	Bird depth out of spec	Bird C8-5
1646-1628	1646-1628	NONE	Bird depth out of spec	Bird C8-4
1407	1407	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1

1307-1294	1307-1294	NONE	Bird depth out of spec	Bird C7-4
1141	1141	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1054-1035	1054-1035	NONE	Bird depth out of spec	Bird C7-9
1033	1033	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1032-1003	1032-1003	NONE	Bird depth out of spec	Bird C7-9

### 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