



# ACQUISITION REPORT Sequence-0041



## Survey:

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

## Sequence:

Linename GP021808P041  
Preplot GP021808  
Direction 18.0°  
SOL Date 19:05:32utc 23-Aug-2002  
EOL Date 01:23:11utc 24-Aug-2002

## Attributes:

Wind Force 5.0 [knots] Dir S  
Swell Height 1.2 [meters] Dir SW  
Propellor rpm 135 [avg]  
Propellor 90 [avg]  
pitch  
  
**SOL EOL**  
Waterdepth 67.0 71.0 [meters]  
Bottomspeed 4.5 3.5 [knots]  
Featherangle sb +0.8 sb +6.8 [deg]  
Cable noise 24.2 9.3 [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	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)		3274 - 3273				
SOL Dummy Record(s)	3272 - 3263	3272 - 3263	19:04:12 - 19:05:24			
FSP Start of Line	3262	3262	19:05:32			
MSP	1362	1362	23:59:50			
LSP End of Line	878	878	01:23:11			
EOL Dummy Record(s)						
EOL Noise Record(s)		877 - 877				
<b><u>Line-segments:</u></b>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
3262 - 878	3262 - 878	19:05:32- 01:23:11	Prime	16	Valid	
<b><u>Remarks:</u></b>						
Navigation	Streamer depth 8.0 mtr					
Recording QC	### occasional parity errors affecting streamer 5 line 16 - edit traces as logged ### Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1035mB.					

### Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
3274 - 2845	3274 - 2845	1	192	
2844 - 2415	2844 - 2415	2	193	

2844 - 2415	2844 - 2415	2	193	
2414 - 1985	2414 - 1985	1	194	
1984 - 1555	1984 - 1555	2	195	
1554 - 1125	1554 - 1125	1	196	
1124 - 877	1124 - 877	2	197	
<b>Stream 2</b>				
<b>Shot(s)</b>	<b>Files</b>	<b>Deck</b>	<b>Reel</b>	<b>Remark</b>
3274 - 2845	3274 - 2845	3	192	
2844 - 2415	2844 - 2415	4	193	
2414 - 1985	2414 - 1985	3	194	
1984 - 1555	1984 - 1555	4	195	
1554 - 1125	1554 - 1125	3	196	
1124 - 877	1124 - 877	4	197	

## **Seismic Data Annotations**

### **NTBP**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
ALL	ALL	304, 1303, 2345, 1824	Noisy Trace(s)	
ALL	ALL	1492, 1983	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	1657, 1991, 243	Spiking Trace(s)	
ALL	ALL-	161	Killed traces	
ALL	ALL-	1846	Killed traces	
3257-3238	3257-3238	1810-1829	Bird depth out of spec	Bird 5-16 max 11.0
3233	3233	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840	Parity errors	Parity errors affecting str 5 line 16
3154-3153	3154-3153	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728,	Parity errors	Parity errors affecting str 5 line 16

		1744, 1760, 1776, 1792, 1808, 1824, 1840		
3110- 3109	3110- 3109	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840	Parity errors	Parity errors affecting str 5 line 16
3057	3057	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840	Parity errors	Parity errors affecting str 5 line 16
3044- 3043	3044- 3043	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840	Parity errors	Parity errors affecting str 5 line 16
3041- 3036	3041- 3036	2282-2305	Bird depth out of spec	Bird C7-5 max 11.2 mtrs
3011- 2997	3011- 2997	2258-2281	Bird depth out of spec	Bird 7-4 max 11.2
2909	2909	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792,	Parity errors	Parity errors affecting str 5 line 16

		1808, 1824, 1840		
2854	2854	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840	Parity errors	Parity errors affecting str 5 line 16
2803- 2802	2803- 2802	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840	Parity errors	Parity errors affecting str 5 line 16
2755	2755	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840	Parity errors	Parity errors affecting str 5 line 16
2719- 2718	2719- 2718	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840	Parity errors	Parity errors affecting str 5 line 16
2710	2710	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600,	Parity errors	Parity errors affecting str 5 line 16

		1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840		
2690	2690	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840	Parity errors	Parity errors affecting str 5 line 16
2670- 2665	2670- 2665	1485, 1501, 1517, 1533, 1549, 1565, 1581, 1597, 1613, 1629, 1645, 1661, 1677, 1693, 1709, 1725, 1741, 1757, 1773, 1789, 1805, 1821, 1837	Parity errors	Parity errors affecting str 5 line >13< - these shots only
2670- 2669	2670- 2669	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1840	Parity errors	Parity errors affecting str 5 line 16
2650- 2649	2650- 2649	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840	Parity errors	Parity errors affecting str 5 line 16

2587	2587	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840	Parity errors	Parity errors affecting str 5 line 16
2584- 2583	2584- 2583	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840	Parity errors	Parity errors affecting str 5 line 16
2580- 2578	2580- 2578	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840	Parity errors	Parity errors affecting str 5 line 16
2543	2543	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840	Parity errors	Parity errors affecting str 5 line 16
2540- 2533	2540- 2533	1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696,	Parity errors	Parity errors affecting str 5 line 16 - patching bad line

		1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840		
2532- 2531	2532- 2531	1504, 1520, 1846	Parity errors	Parity errors affecting str 5 line 16 - these 3 traces only
2530- 877	2530- 877	1488	Killed traces	killed d/t parity patching on str 5 line 16
2530- 877	2530- 877	1504	Killed traces	killed d/t parity patching on str 5 line 16
2530- 877	2530- 877	1520	Killed traces	killed d/t parity patching on str 5 line 16
2401- 2393	2401- 2393	2650-2673	Bird depth out of spec	Bird 8-5 max 10.7 m
2375- 2251	2375- 2251	2282-2305	Bird depth out of spec	Bird 7-5 max 10.9 m

### Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	ALL	Swell Noise	Swell noise seen on all cables approx 20-25% breakout decreasing towards EOL.
ALL	ALL	ALL	Streamer depth	Streamer depth fluctuating on all cables d/t large swell.
ALL	ALL	1-13, 15-16, 369-381, 737- 748, 751, 2209-2228, 2230-2232, 2577-2595, 2597-2600	Slope alarm	> 5% of total line
3022- 2736	3022- 2736	2577-2707	Monowing wash	Low frequency, high amplitude noise due to monowing wash
2975	2975	ALL	Gun timing error	Gun 2-3 error (ms) : -1.5
2869	2869	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
2805	2805	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
2739	2739	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2698	2698	ALL	Source depth out of spec	Source-depth for gun position 3-6 below 8.0 meter
2549	2549	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2467	2467	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2367	2367	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2317	2317	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2267	2267	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1963	1963	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1108	1108	ALL	Gun timing error	Gun 5-4 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