



# ACQUISITION REPORT Sequence-0011



## Survey:

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

## Sequence:

Linename GP021088P011  
Preplot GP021088  
Direction 18.0°  
SOL Date 05:57:10utc 14-Aug-2002  
EOL Date 10:22:03utc 14-Aug-2002

## Attributes:

Wind Force	12.0	[knots]	Dir S
Swell Height	4.0	[meters]	Dir SE
Propellor rpm	135	[avg]	
Propellor pitch	89	[avg]	

  

	SOL	EOL	
Waterdepth	92.0	319.0	[meters]
Bottomspeed	4.2	4.3	[knots]
Featherangle	sb +13.9	sb +1.3	[deg]
Cable noise	38.0	40.0	[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)			
SOL Dummy Record(s)	2992 - 2992	2992 - 2992	05:55:23 - 05:55:23
FSP Start of Line MSP	2982		05:57:10
LSP End of Line	1143	1143	10:22:03
EOL Dummy Record(s)	1142 - 1142	1142 - 1142	10:22:11 - 10:22:11
EOL Noise Record(s)			
<b><u>Line-segments:</u></b>			
<b>SPs</b>	<b>Files</b>	<b>Times [utc]</b>	<b>Type    # CMPs    Status    Remarks</b>
2982 - 1143	- 1143	-10:22:03	Prime    16    Scratched All data scratched d/t swell noise
<b><u>Remarks:</u></b>			
Navigation	streamer depth 8.0mtr. All data scratch d/t swell noise.		
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1029mB. FGSP : 2626 d/t guns out of spec. Frequent noise breakout on streamers during line due to large sea swell		

### Tape-list

Stream 1			
Shot(s)	Files	Deck Reel	Remark
2994 - 2242	2994 - 2242	2    51	
2241 - 1812	2241 - 1812	1    52	

2241 - 1812	2241 - 1812	1	52
1811 - 1382	1811 - 1382	1	53
1381 - 1142	1381 - 1142	2	54
<b>Stream 2</b>			
<b>Shot(s)</b>	<b>Files</b>	<b>Deck Reel</b>	<b>Remark</b>
2994 - 2242	2994 - 2242	3	51
2241 - 1812	2241 - 1812	4	52
1811 - 1382	1811 - 1382	3	53
1381 - 1142	1381 - 1142	4	54

## **Seismic Data Annotations**

### **NTBP**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
ALL	ALL- 1144	109	Killed traces	
ALL	ALL	161, 304, 2345	Noisy Trace(s)	
ALL	ALL	1657	Spiking Trace(s)	
ALL	ALL	2497, 1492	Weak Trace(s)	
2252- 2247	2252- 2247	1226-1249	Bird depth out of spec	Bird C4-7 min depth 5.2mtrs
2249- 2243	2249- 2243	2306-2329	Bird depth out of spec	Bird C7-6 min depth 4.9mtrs
2246- 2237	2246- 2237	2330-2353	Bird depth out of spec	Bird C7-7 min depth 4.5mtrs
2234- 2223	2234- 2223	1274-1297	Bird depth out of spec	Bird C4-9 min depth 3.7mtrs
2187- 2180	2187- 2180	2282-2305	Bird depth out of spec	Bird C7-5 min depth 5.4mtr
2044- 2039	2044- 2039	2698-2721	Bird depth out of spec	Bird C8-7 min depth 5.2mtrs
2020- 2015	2020- 2015	2746-2769	Bird depth out of spec	Bird C8-9 min depth 4.6mtrs
2010- 1987	2010- 1987	1914-1937	Bird depth out of spec	Bird C6-5 min depth 5.1mtrs
1984- 1975	1984- 1975	1938-1961	Bird depth out of spec	Bird C6-6 min depth 4.5mtrs
1983- 1975	1983- 1975	2234-2257	Bird depth out of spec	Bird C7-3 min depth 5.4mtrs
1903- 1877	1903- 1877	1274-1297	Bird depth out of spec	Bird C4-9 min depth 3.7mtrs
1879- 1869	1879- 1869	1322-1345	Bird depth out of spec	Bird C4-11min depth 4.8mtrs
1870- 1862	1870- 1862	1346-1369	Bird depth out of spec	Bird C4-12 min depth 5.2mtrs

1851-1828	1851-1828	1274-1297	Bird depth out of spec	Bird C4-9 min depth 5.0mtrs
1792-1786	1792-1786	1274-1297	Bird depth out of spec	Bird C4-9 min depth 5.3mtrs
1729-1720	1729-1720	2258-2281	Bird depth out of spec	Bird C7-4 min depth 4.5mtrs
1542-1528	1542-1528	2258-2281	Bird depth out of spec	Bird C7-4 min depth 4.9mtrs
1506-1494	1506-1494	2674-2697	Bird depth out of spec	Bird C8-6 max depth 10.6mtrs

## Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
2556	2556	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2450	2450	ALL	Gun timing error	Gun 5-4 error (ms) : -1.3
2234	2234	ALL	Gun timing error	Gun 5-4 error (ms) : -1.3
2212	2212	ALL	Gun timing error	Gun 5-4 error (ms) : -1.4
2183	2183	ALL	Gun timing error	Gun 1-4 error (ms) : 1.2
2163	2163	ALL	Gun timing error	Gun 1-4 error (ms) : 1.3
2159	2159	ALL	Gun timing error	Gun 1-4 error (ms) : 1.2
2097	2097	ALL	Gun timing error	Gun 1-4 error (ms) : -1.1
2095	2095	ALL	Gun timing error	Gun 1-4 error (ms) : -1.2
2065-2045	2065-2045	NONE	Bird depth out of spec	Bird C4-9
2033	2033	ALL	Gun timing error	Gun 1-4 error (ms) : 1.2
2032-2019	2032-2019	NONE	Bird depth out of spec	Bird C8-8
2027	2027	ALL	Gun timing error	Gun 1-4 error (ms) : 1.1
2021-2005	2021-2005	NONE	Bird depth out of spec	Bird C4-8
1978	1978	ALL	Gun timing error	Gun 5-4 error (ms) : -1.3
1970	1970	ALL	Gun timing error	Gun 5-4 error (ms) : -1.3
1965-1930	1965-1930	ALL	Ship Noise	From abeam. Level 15 uBar.
1961	1961	ALL	Gun timing error	Gun 1-4 error (ms) : -1.3
1955	1955	ALL	Gun timing error	Gun 1-4 error (ms) : -1.3
1945	1945	ALL	Gun timing error	Gun 1-4 error (ms) : -1.3
1941	1941	ALL	Gun timing error	Gun 1-4 error (ms) : -1.1
1937	1937	ALL	Gun timing error	Gun 1-4 error (ms) : -1.2
1924	1924	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2
1854	1854	ALL	Gun timing error	Gun 5-4 error (ms) : -1.3
1806	1806	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2
1694	1694	ALL	Gun timing error	Gun 5-4 error (ms) : -1.3
1649	1649	ALL	Gun timing error	Gun 1-4 error (ms) : -1.2
1593	1593	ALL	Gun timing error	Gun 1-4 error (ms) : -1.1
1590-1578	1590-1578	NONE	Bird depth out of spec	Bird C7-7

1585-1563	1585-1563	NONE	Bird depth out of spec	Bird C4-8
1580-1573	1580-1573	NONE	Bird depth out of spec	Bird C4-9
1553	1553	ALL	Gun timing error	Gun 1-4 error (ms) : -1.1
1502-1490	1502-1490	NONE	Bird depth out of spec	Bird C8-7
1408	1408	ALL	Gun timing error	Gun 5-4 error (ms) : -1.3
1300	1300	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2
1288	1288	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1234	1234	ALL	Gun timing error	Gun 5-4 error (ms) : -1.5
1231-1219	1231-1219	NONE	Bird depth out of spec	Bird C7-4
1165-1142	1165-1142	NONE	Bird depth out of spec	Bird C4-8

### 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>FSP/LSP</b>	First/Last shotpoint of the line.
<b>FCSP/LCSP</b>	First/Last chargeable shotpoint
<b>MSP</b>	Midnight (last) shotpoint of the day
<b>FGSP/LGSP</b>	First/Last Good Shotpoint
<b>FOSP/LOSP</b>	First/Last Overlap Shotpoint
<b>FSP/LSP R/O</b>	First/Last Shotpoint Runout

<b>Deg</b>	Degrees: e[0,360]
<b>rev</b>	Revolutions
<b>utc</b>	Universal Time Coordinated
<b>SPs</b>	Shotpoints
<b>CMPs</b>	Common midpoints
<b>NTBP</b>	Not to be processed
<b>SI</b>	Seismic interference