



# ACQUISITION REPORT Sequence-0046



## Survey:

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

## Sequence:

Linename GP021568P046  
Preplot GP021568  
Direction 198.0°  
SOL Date 09:41:37utc 25-Aug-2002  
EOL Date 14:30:22utc 25-Aug-2002

## Attributes:

Wind Force	5.0	[knots]	Dir S
Swell Height	1.0	[meters]	Dir S
Propellor rpm	135	[avg]	
Propellor pitch	20	[avg]	

  

	SOL	EOL	
Waterdepth	95.0	66.0	[meters]
Bottomspeed	5.06	4.7	[knots]
Featherangle	sb +6.4	sb +14.1	[deg]
Cable noise	15.8	6.3	[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)		989 - 990				
SOL Dummy Record(s)	991 - 1000	991 - 1000	09:40:25 - 09:41:29			
FSP Start of Line MSP	1001	1001	09:41:37			
LSP End of Line	3392	3392	14:30:22			
EOL Dummy Record(s)						
EOL Noise Record(s)		3393 - 3394				
<b><u>Line-segments:</u></b>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
1001 - 3392	1001 - 3392	09:41:37-14:30:22	Prime	16	Valid	
<b><u>Remarks:</u></b>						
Navigation	Streamer depth at 8.0 m					
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1034mB. High noise value, bend in cables @ SOL d/t short run-in.					

### Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
989 - 1418	989 - 1418	1	222	
1419 - 1848	1419 - 1848	2	223	
1849 - 2278	1849 - 2278	1	224	

1849 - 2278	1849 - 2278	1	224
2279 - 2708	2279 - 2708	2	225
2709 - 3138	2709 - 3138	1	226
3139 - 3394	3139 - 3394	2	227

#### Stream 2

Shot(s)	Files	Deck Reel	Remark
989 - 1418	989 - 1418	4	222
1419 - 1848	1419 - 1848	3	223
1849 - 2278	1849 - 2278	4	224
2279 - 2708	2279 - 2708	3	225
2709 - 3138	2709 - 3138	4	226
3139 - 3394	3139 - 3394	3	227

### Seismic Data Annotations

#### NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL-	161, 1846	Killed traces	
ALL	ALL	1492, 1983	Weak Trace(s)	
ALL	ALL	1637, 1991, 243, 109	Spiking Trace(s)	
ALL	ALL	304, 1303, 2345, 1824	Noisy Trace(s)	
1247	1247	ALL	External header lost	
1854-1862	1854-1862	50-73	Bird depth out of spec	Bird C1-4 max depth 10.8mtrs
1869-1875	1869-1875	74-97	Bird depth out of spec	Bird C1-5 max depth 10.6mtrs
2450	2450	ALL	External header lost	
2502-2511	2502-2511	98-121	Bird depth out of spec	Bird C1-6 max depth 10.3mtrs
2518-2529	2518-2529	122-145	Bird depth out of spec	Bird C1-7 max depth 10.5mtrs
2593-2597	2593-2597	586-609	Bird depth out of spec	Bird C2-11max depth 10.2mtrs
3050-3066	3050-3066	1346-1369	Bird depth out of spec	Bird C4-12 min depth 5.7mtrs
3171	3171	ALL	External header lost	
3172-3216	3172-3216	1830-1840	Bird depth out of spec	Bird C5-17 max depth 10.0 mtrs
3297-3314	3297-3314	2626-2649	Bird depth out of spec	Bird 8-4 max 10.7 mtrs
3348-3392	3348-3392	1810-1829	Bird depth out of spec	Bird 5-16 max 10.5 mtrs

#### Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1-12, 16, 369-379, 381, 737-738, 741, 744-748, 751-752, 764, 2209-2225, 2228, 2230-2231, 2233, 2577-2595, 2597-2600	Slope alarm	> 5% of total line
1246-1273	1246-1273	NONE	Bird depth out of spec	Bird C2-7
1252-1278	1252-1278	NONE	Bird depth out of spec	Bird C2-8
1390-1403	1390-1403	NONE	Bird depth out of spec	Bird C1-4
1469-1480	1469-1480	NONE	Bird depth out of spec	Bird C1-6
1553-1570	1553-1570	NONE	Bird depth out of spec	Bird C2-5
1565-1576	1565-1576	NONE	Bird depth out of spec	Bird C1-7
1757-1783	1757-1783	NONE	Bird depth out of spec	Bird C5-16
1853-1951	1853-1951	397-490	Monowing wash	Low frequency noise due to monowing wash
1853-1899	1853-1899	30-72	Monowing wash	Low frequency noise due to monowing wash
1860-2200	1860-2200	ALL	Ship Noise	High freq. shipnoise from astern. RMS Level 20 - 30uBar.
1863-1879	1863-1879	NONE	Bird depth out of spec	Bird C1-4
1863-1875	1863-1875	NONE	Bird depth out of spec	Bird C1-6
1876-1890	1876-1890	NONE	Bird depth out of spec	Bird C1-5
1880-1892	1880-1892	NONE	Bird depth out of spec	Bird C1-6
1908-1920	1908-1920	NONE	Bird depth out of spec	Bird C2-7
2377	2377	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2427-2492	2427-2492	427-466	Monowing wash	Low frequency noise due to monowing wash
2501	2501	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
3271-3272	3271-3272	NONE	Bird depth out of spec	Bird C4-9

### 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