



# ACQUISITION REPORT Sequence-0112



## Survey:

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

## Sequence:

Linename GP021904J112  
Preplot GP021904  
Direction 18.0°  
SOL Date 20:08:17utc 16-Sep-2002  
EOL Date 23:11:15utc 16-Sep-2002

## Attributes:

Wind Force	30.0	[knots]	Dir WSW
Swell Height	2.5	[meters]	Dir WSW
Propellor rpm	135	[avg]	
Propellor pitch	90	[avg]	

  

	SOL	EOL	
Waterdepth	68.0	76.0	[meters]
Bottomspeed	3.8	4.0	[knots]
Featherangle	port -3.3	sb +7.3	[deg]
Cable noise	16.0	21.5	[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)		3291 - 3290				
SOL Dummy Record(s)	3289 - 3260	3289 - 3260	20:03:25 - 20:08:07			
FSP Start of Line MSP	3259	3259	20:08:17			
LSP End of Line	2074	2074	23:11:15			
EOL Dummy Record(s)						
EOL Noise Record(s)		2073 - 2072				
<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>
3259 - 2074	3259 - 2074	20:08:17- 23:11:15	Infill	16	Valid	
<b><u>Remarks:</u></b>						
Navigation	Streamer depth 8mtrs.					
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1013mB. Burts of swell noise present on record. Ship soise at EOL noise records.					

### Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
3291 - 2862	3291 - 2862	1	479	
2861 - 2432	2861 - 2432	2	480	

2861 - 2432	2861 - 2432	2	480	
2431 - 2073	2431 - 2073	1	481	
<b>Stream 2</b>				
<b>Shot(s)</b>	<b>Files</b>	<b>Deck Reel</b>		<b>Remark</b>
3291 - 2862	3291 - 2862	3	479	
2861 - 2432	2861 - 2432	4	480	
2431 - 2073	2431 - 2073	3	481	

## **Seismic Data Annotations**

### **NTBP**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
ALL	ALL-	161, 1846, 1983	Killed traces	
ALL	ALL	1492	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	304, 1273	Noisy Trace(s)	
ALL	ALL	109, 243, 1553, 1657, 1991, 2178	Spiking Trace(s)	
2829	2829	ALL	External header lost	
2803-2798	2803-2798	2378-2401	Bird depth out of spec	Bird C7-9, max depth 10.4m
2100-2091	2100-2091	2378-2401	Bird depth out of spec	Bird C7-9, max depth 10.5m

### **Warning**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
ALL	ALL	1-13, 15-16, 369-375, 379, 381, 737-738, 741, 2209-2234, 2241, 2577-2600, 2603, 2605, 2607, 2612, 2614	Slope alarm	> 5% of total line
3176	3176	NONE	Bird depth out of spec	Bird C5-7
3157	3157	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
3142-3133	3142-3133	2378-2401	Bird depth out of spec	Bird C7-9
3131-3109	3131-3109	2378-2401	Bird depth out of spec	Bird C7-9
3003	3003	ALL	Gun timing error	Gun 2-1 error (ms) : -1.6
2832-2822	2832-2822	2282-2305	Bird depth out of spec	Bird C7-5
2825	2825	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2

2822-2804	2822-2804	2378-2401	Bird depth out of spec	Bird C7-9
2794-2782	2794-2782	2378-2401	Bird depth out of spec	Bird C7-9
2777	2777	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2765	2765	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2593-2578	2593-2578	2378-2401	Bird depth out of spec	Bird C7-9
2445-2368	2445-2368	ALL	Streamer noise	Low frequency noise dt currents
2150-2074	2150-2074	ALL	Ship Noise	From astern. Level 10-15 uBar.
2139-2128	2139-2128	2378-2401	Bird depth out of spec	Bird C7-9
2126-2107	2126-2107	2378-2401	Bird depth out of spec	Bird C7-9
2121	2121	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2099-2079	2099-2079	2402-2425	Bird depth out of spec	Bird C7-10
2090-2074	2090-2074	2378-2401	Bird depth out of spec	Bird C7-9

### Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
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<b>List of used abbreviations:</b>			
<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