



# ACQUISITION REPORT Sequence-0104



## Survey:

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

## Sequence:

Linename GP022000J104  
Preplot GP022000  
Direction 18.0°  
SOL Date 05:43:19utc 15-Sep-  
2002  
EOL Date 08:44:50utc 15-Sep-  
2002

## Attributes:

Wind Force	6.0	[knots]	Dir NNE
Swell Height	1.0	[meters]	Dir NE
Propellor rpm	136	[avg]	
Propellor pitch	92	[avg]	

  

	<b>SOL</b>	<b>EOL</b>	
Waterdepth	69.0	75.0	[meters]
Bottomspeed	3.8	3.9	[knots]
Featherangle	port -7.6	port -7.2	[deg]
Cable noise	6.6	5.13	[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)		3289 - 3288				
SOL Dummy Record(s)	3287 - 3258	3287 - 3258	05:38:31 - 05:43:09			
FSP Start of Line	3257	3257	05:43:19			
MSP						
LSP End of Line	2115	2115	08:44:50			
EOL Dummy Record(s)						
EOL Noise Record(s)		2114 - 2113				
<b><u>Line-segments:</u></b>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
3257 - 2115	3257 - 2115	05:43:19- 08:44:50	Infill	16	Valid	
<b><u>Remarks:</u></b>						
Navigation		Streamer depth 8mtrs				
Recording QC		Frontsheet Set 1. Gundept calibrated at atmospheric pressure 1032mB, pressure now 1017mB.				

### Tape-list

Stream 1			
Shot(s)	Files	Deck Reel	Remark
3289 - 2860	3289 - 2860	1 455	
2859 - 2430	2859 - 2430	2 456	
2429 - 2113	2429 - 2113	1 457	
Stream 2			
Shot(s)	Files	Deck Reel	Remark

Shot(s)	Files	Deck	Reel	Remark
3289 - 2860	3289 - 2860	3	455	
2859 - 2430	2859 - 2430	4	456	
2429 - 2113	2429 - 2113	3	457	

## **Seismic Data Annotations**

### **NTBP**

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL-	161, 1846, 1983	Killed traces	
ALL	ALL	1492	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	109, 243, 1553, 1657, 1991	Spiking Trace(s)	
ALL	ALL	304, 1273	Noisy Trace(s)	
2493	2493	ALL	External header lost	
2271	2271	ALL	External header lost	

### **Warning**

Shot(s)	File(s)	Trace(s)	Type	Remark
3190-3168	3190-3168	2234-2257	Bird depth out of spec	Bird C7-3
3108-3091	3108-3091	2234-2257	Bird depth out of spec	Bird C7-3
3072-3050	3072-3050	2626-2649	Bird depth out of spec	Bird C8-4
3069-3054	3069-3054	2602-2625	Bird depth out of spec	Bird C8-3
2985-2979	2985-2979	2234-2257	Bird depth out of spec	Bird C7-3
2981-2971	2981-2971	2650-2673	Bird depth out of spec	Bird C8-5
2485-2479	2485-2479	2234-2257	Bird depth out of spec	Bird C7-3
2484-2475	2484-2475	2258-2281	Bird depth out of spec	Bird C7-4
2395-2380	2395-2380	2626-2649	Bird depth out of spec	Bird C8-4
2389-2380	2389-2380	2650-2673	Bird depth out of spec	Bird C8-5
2290	2290	ALL	Gun timing error	Gun 6-1 error (ms) : -1.6
2123	2123	NONE	Bird depth out of spec	Bird C1-5

### **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