



# ACQUISITION REPORT Sequence-0049



## Survey:

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

## Sequence:

Linename GP021728P049  
Preplot GP021728  
Direction 18.0°  
SOL Date 07:49:47utc 26-Aug-2002  
EOL Date 13:06:39utc 26-Aug-2002

## Attributes:

Wind Force	7.0	[knots]	Dir SW
Swell Height	1.2	[meters]	Dir SE
Propellor rpm	135	[avg]	
Propellor pitch	90	[avg]	

  

	SOL	EOL	
Waterdepth	66.0	75.0	[meters]
Bottomspeed	4.2	4.2	[knots]
Featherangle	sb +12.6	sb +3.6	[deg]
Cable noise	7.07	7.0	[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)		3276 - 3275				
SOL Dummy Record(s)	3274 - 3265	3274 - 3265	07:48:21 - 07:49:38			
FSP Start of Line	3264	3264	07:49:47			
MSP						
LSP End of Line	878	878	13:06:39			
EOL Dummy Record(s)						
EOL Noise Record(s)		877 - 876				
<b><u>Line-segments:</u></b>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
3264 - 878	3264 - 878	07:49:47-13:06:39	Prime	16	Valid	
<b><u>Remarks:</u></b>						
Navigation		Streamer depth 8mtrs				
Recording QC		Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1016mB.				

### Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
3276 - 2847	3276 - 2847	1	240	
2846 - 2417	2846 - 2417	2	241	
2416 - 1987	2416 - 1987	1	242	
1986 - 1557	1986 - 1557	2	243	
1556 - 1127	1556 - 1127	1	244	
1126 - 876	1126 - 876	2	245	

1126 - 876	1126 - 876	2	245	
<b>Stream 2</b>				
<b>Shot(s)</b>	<b>Files</b>	<b>Deck</b>	<b>Reel</b>	<b>Remark</b>
3276 - 2847	3276 - 2847	4	240	
2846 - 2417	2846 - 2417	3	241	
2416 - 1987	2416 - 1987	4	242	
1986 - 1557	1986 - 1557	3	243	
1556 - 1127	1556 - 1127	4	244	
1126 - 876	1126 - 876	3	245	

## **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	Killed Traces	
ALL	ALL	1492, 1983	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	243, 1991	Spiking Trace(s)	
ALL	ALL	304, 1303, 1824, 2345	Noisy Trace(s)	
2742-2737	2742-2737	2258-2281	Bird depth out of spec	Bird C7-4 max depth 10.4mtrs
2471-2461	2471-2461	2258-2281	Bird depth out of spec	Bird C7-4 max depth 10.4mtrs
2469-2461	2469-2461	2234-2257	Bird depth out of spec	Bird C7-3 max depth 10.6mtrs
2467-2461	2467-2461	2650-2673	Bird depth out of spec	Bird C8-5 max depth 10.2mtrs
2453-2439	2453-2439	2626-2649	Bird depth out of spec	Bird C8-4 max depth 10.7mtrs
2309-2292	2309-2292	2234-2257	Bird depth out of spec	Bird C7-3 max depth 11.3mtrs
2305-2292	2305-2292	2258-2281	Bird depth out of spec	Bird C7-4 max depth 10.6mtrs
2301-2270	2301-2270	2626-2649	Bird depth out of spec	Bird C8-4 max depth 11.7mtrs
2300-2293	2300-2293	2602-2625	Bird depth out of spec	Bird C8-3 max depth 10.6mtrs
2291-2288	2291-2288	2282-2305	Bird depth out of spec	Bird C7-5 max depth 10.3mtrs
2290-2287	2290-2287	2602-2625	Bird depth out of spec	Bird C8-3 max depth 10.5mtrs
888-884	888-884	2282-2305	Bird depth out of spec	Bird C7-5 max depth 10.2mtrs

### **Warning**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
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3218-3157	3218-3157	NONE	Bird depth out of spec	Bird C3-4
3183-3163	3183-3163	NONE	Bird depth out of spec	Bird C4-10
3156-3145	3156-3145	NONE	Bird depth out of spec	Bird C4-10
2862-2831	2862-2831	2602-2655	Monowing wash	Low frequency, high amplitude noise due to monowing wash
2813-2802	2813-2802	NONE	Bird depth out of spec	Bird C4-10
2738-2725	2738-2725	NONE	Bird depth out of spec	Bird C7-5
2734-2723	2734-2723	NONE	Bird depth out of spec	Bird C7-4
2608	2608	ALL	Gun timing error	Gun 6-1 error (ms) : -1.6
2460-2439	2460-2439	NONE	Bird depth out of spec	Bird C8-5
2425-2348	2425-2348	2597-2646	Monowing wash	Low frequency, high amplitude noise due to monowing wash
2249-2233	2249-2233	NONE	Bird depth out of spec	Bird C8-4
2169-2096	2169-2096	ALL	Ship Noise	From abeam. Level 20 uBar.
1954	1954	ALL	Gun timing error	Gun 4-5 error (ms) : -1.2
1428	1428	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1362-1351	1362-1351	NONE	Bird depth out of spec	Bird C4-10

### 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