



# ACQUISITION REPORT Sequence-0086



## Survey:

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

## Sequence:

Linename GP022144P086  
Preplot GP022144  
Direction 198.0°  
SOL Date 09:48:25utc 11-Sep-  
2002  
EOL Date 12:31:09utc 11-Sep-  
2002

## Attributes:

Wind Force	18.0	[knots]	Dir SW
Swell Height	1.8	[meters]	Dir SW
Propellor rpm	135	[avg]	
Propellor pitch	95	[avg]	

  

	SOL	EOL	
Waterdepth	71.9	66.2	[meters]
Bottomspeed	3.7	4.5	[knots]
Featherangle	port -11.9	sb +8.3	[deg]
Cable noise	13.9	10.5	[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)		2267 - 2268	
SOL Dummy Record(s)	2269 - 2298	2269 - 2298	09:43:26 - 09:48:15
FSP Start of Line MSP	2299	2299	09:48:25
LSP End of Line	3376	3376	12:31:09
EOL Dummy Record(s)			
EOL Noise Record(s)		3377 - 3378	
<b><u>Line-segments:</u></b>			
<b>SPs</b>	<b>Files</b>	<b>Times [utc]</b>	<b>Type    #    Status</b>
2299 - 3376	2299 - 3376	09:48:25-12:31:09	Prime    16    Valid
<b><u>Remarks:</u></b>			
Navigation	Streamer depth 8mtrs		
Recording QC	Frontsheet Set 1. Gundept calibrated at atmospheric pressure 1032mB, pressure now 1032mB. Bird C2-16 incorrect depth reading.		

### Tape-list

Stream 1			
Shot(s)	Files	Deck	Reel    Remark
2267 - 2696	2267 - 2696	1	398
2474 - 2903	2474 - 2903	2	399
2904 - 3333	2904 - 3333	1	400

2904 - 3333	2904 - 3333	1	400	
3334 - 3378	3334 - 3378	2	401	
<b>Stream 2</b>				
<b>Shot(s)</b>	<b>Files</b>	<b>Deck</b>	<b>Reel</b>	<b>Remark</b>
2267 - 2696	2267 - 2696	4	398	
2474 - 2903	2474 - 2903	3	399	
2904 - 3333	2904 - 3333	3	400	
3334 - 3378	3334 - 3378	3	401	

## **Seismic Data Annotations**

### **NTBP**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
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	Noisy Trace(s)	
ALL	ALL-	161, 1846, 1983	Killed traces	
2367-2376	2367-2376	442-465	Bird depth out of spec	Bird C2-5 max depth 10.6m
2458	2458	ALL	Gun timing error	Gun 4-5 error (ms) : 1.6
2533-2549	2533-2549	418-441	Bird depth out of spec	Bird C2-4 max depth 10.9m
2534-2551	2534-2551	50-73	Bird depth out of spec	Bird C1-4 max depth 10.7m
2534-2549	2534-2549	74-97	Bird depth out of spec	Bird C1-5 max depth 10.3m
2535-2550	2535-2550	26-49	Bird depth out of spec	Bird C1-3 max depth 10.9m
2537-2542	2537-2542	394-417	Bird depth out of spec	Bird C2-3 max depth 10.4m

### **Warning**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
2306	2306	ALL	Gun timing error	Gun 4-5 error (ms) : 1.2
2320	2320	ALL	Gun timing error	Gun 4-5 error (ms) : 1.3
2352	2352	ALL	Gun timing error	Gun 4-5 error (ms) : 1.2
2362	2362	ALL	Gun timing error	Gun 4-5 error (ms) : 1.2
2443-2478	2443-2478	1866-1889	Bird depth out of spec	Bird C6-3
2464	2464	ALL	Gun timing error	Gun 4-5 error (ms) : 1.3
2512	2512	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
2516	2516	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1

2537-2556	2537-2556	98-121	Bird depth out of spec	Bird C1-6
2539-2557	2539-2557	242-265	Bird depth out of spec	Bird C1-12
2540-2556	2540-2556	466-489	Bird depth out of spec	Bird C2-6
2558	2558	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
2562	2562	ALL	Gun timing error	Gun 4-5 error (ms) : 1.4
2564-2578	2564-2578	1866-1889	Bird depth out of spec	Bird C6-3
2580	2580	ALL	Gun timing error	Gun 4-5 error (ms) : 1.3
2586	2586	ALL	Gun timing error	Gun 4-5 error (ms) : 1.4
2602-2612	2602-2612	1866-1889	Bird depth out of spec	Bird C6-3
2612	2612	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
2640	2640	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
2719-2733	2719-2733	1866-1889	Bird depth out of spec	Bird C6-3
2726	2726	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
2734	2734	ALL	Gun timing error	Gun 4-5 error (ms) : -1.3
2742	2742	ALL	Gun timing error	Gun 4-5 error (ms) : 1.3
2867-2879	2867-2879	1866-1889	Bird depth out of spec	Bird C6-3
2943-2962	2943-2962	1866-1889	Bird depth out of spec	Bird C6-3
2965	2965	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2977-2990	2977-2990	1866-1889	Bird depth out of spec	Bird C6-3
3032	3032	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
3033-3035	3033-3035	NONE	Bird depth out of spec	Bird C6-3
3037-3078	3037-3078	NONE	Bird depth out of spec	Bird C6-3
3054	3054	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
3066	3066	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
3100-3118	3100-3118	1866-1889	Bird depth out of spec	Bird C6-3
3120	3120	ALL	Gun timing error	Gun 6-2 error (ms) : -1.7
3230	3230	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
3255	3255	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
3256-3257	3256-3257	1866-1889	Bird depth out of spec	Bird C6-3
3290	3290	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
3318	3318	1866-1889	Bird depth out of spec	Bird C6-3
3322-3323	3322-3323	1866-1889	Bird depth out of spec	Bird C6-3

3324      3324   ALL      Gun timing error      Gun 4-5 error (ms) : 1.1

### Comment

**Shot(s)**    **File(s)** **Trace(s)**    **Type**                    **Remark**

#### 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