



# ACQUISITION REPORT Sequence-0128



## Survey:

Client BHPBP  
Area Vic/P45 Gippsland  
Basin  
Vessel GECO\_BETA  
JobNumber 9227  
Survey Type 6 STREAMER  
SINGLE SOURCE  
2D

## Sequence:

Linename GP022336T128  
Preplot GP022336  
Direction 109.0°  
SOL Date 13:40:34utc 24-Sep-  
2002  
EOL Date 18:17:54utc 24-Sep-  
2002

## Attributes:

Wind Force 15.0 [knots] Dir SSW  
Swell Height 1.5 [meters] Dir SW  
Propellor rpm 135 [avg]  
Propellor 83 [avg]  
pitch  
  
**SOL** **EOL**  
Waterdepth 71.0 375.0 [meters]  
Bottomspeed 4.1 4.4 [knots]  
Featherangle port -0.8 sb +4.9 [deg]  
Cable noise 0.0 5.6 [μBar rms]  
Lowcut filter 3 3 [hz]  
Filter slope 18 18 [dB]  
Filter Slope 18 18  
Port Volume 3542.0 3542.0  
Stbd Volume 0.0 0.0

## 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	0.0	0	0
1	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	250.0	-8.0	4600	Nessie-3	12.5	368	0001-0368
2	STBD	-520.0	150.0	-8.0	4600	Nessie-3	12.5	368	0369-0736
3	STBD	-520.0	50.0	-8.0	4600	Nessie-3	12.5	368	0737-1104
4	PORT	-520.0	-50.0	-8.0	4600	Nessie-3	12.5	368	1105-1472
5	PORT	-520.0	-150.0	-8.0	4600	Nessie-3	12.5	368	1473-1840
6	PORT	-520.0	-250.0	-8.0	4600	Nessie-3	12.5	368	1841-2208

## Recording Configuration

Channel Set	Descr. Format	Recording	Data Reduction	RecLen [ss ']	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

### Production

	Shotpoint	File	Time [utc]
SOL Noise Record(s)			
SOL Dummy Record(s)	971 - 1000	971 - 1000	13:35:56 - 13:40:25
FSP Start of Line MSP	1001	1001	13:40:34
LSP End of Line	2925	2925	18:17:54
EOL Dummy Record(s)			
EOL Noise Record(s)		2926 - 2927	
<b><u>Line-segments:</u></b>			
SPs	Files	Times [utc]	Type # CMPs Status Remarks
1001 - 2925	1001 - 2925	13:40:34-18:17:54	Prime 1 Valid 2-D tie line
<b><u>Remarks:</u></b>			
Navigation	Streamer depth 8.0m. 2-D tie line. Port source fires every shotpoint.		
Recording QC	Frontsheet Set 3. Gundept calibrated at atmospheric pressure 1032mB, pressure now 1010mB. Bird S3C3 bad communication. Bird S3C4 and S3C10 intermittent communications. No SOL noise record. Occasional burst of swell noise.		

### Tape-list

Stream 1			
Shot(s)	Files	Deck Reel	Remark
971 - 1520	971 - 1520	1 516	
1521 - 2070	1521 - 2070	2 517	
2071 - 2620	2071 - 2620	1 518	
2621 - 2927	2621 - 2927	2 519	

2621 - 2927	2621 - 2927	2	519	
<b>Stream 2</b>				
<b>Shot(s)</b>	<b>Files</b>	<b>Deck</b>	<b>Reel</b>	<b>Remark</b>
971 - 1520	971 - 1520	3	516	
1521 - 2070	1521 - 2070	4	517	
2071 - 2620	2071 - 2620	3	518	
2621 - 2927	2621 - 2927	3	519	

## **Seismic Data Annotations**

### **NTBP**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
ALL	ALL	1490, 1810	Spiking Trace(s)	
ALL	ALL	55	Noisy Trace(s)	
ALL	ALL	1255, 1615	Killed Trace(s)	

### **Warning**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
ALL	ALL	1-5	Bird depth out of spec	Bird C1-1 occasionally shallow
ALL	ALL	1-5, 9-10, 369-370, 377, 380, 1473-1475, 1477, 1481, 1489, 1841-1852	Slope alarm	> 5% of total line
1145	1145	ALL	Gun timing error	Gun 5-4 error (ms) : 1.2
1166	1166	ALL	Gun timing error	Gun 5-4 error (ms) : -1.4
1221	1221	ALL	Gun timing error	Gun 6-2 error (ms) : -1.2
1271	1271	ALL	Gun timing error	Gun 6-2 error (ms) : -1.2
1273	1273	ALL	Gun timing error	Gun 5-4 error (ms) : 1.3
1274	1274	ALL	Gun timing error	Gun 5-4 error (ms) : 1.6
1275	1275	ALL	Gun timing error	Gun 5-4 error (ms) : 1.8
1297	1297	ALL	Gun timing error	Gun 5-4 error (ms) : -1.5
1309	1309	ALL	Gun timing error	Gun 5-4 error (ms) : 1.1
1311	1311	ALL	Gun timing error	Gun 5-4 error (ms) : 1.2
1312	1312	ALL	Gun timing error	Gun 5-4 error (ms) : 1.3
1315	1315	ALL	Gun timing error	Gun 5-4 error (ms) : -1.5
1321	1321	ALL	Gun timing error	Gun 5-4 error (ms) : -1.3
1335	1335	ALL	Gun timing error	Gun 5-4 error (ms) : -1.4
1338	1338	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2
1343	1343	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2
1388	1388	ALL	Gun timing error	Gun 6-2 error (ms) : -1.1
1427	1427	ALL	Gun timing error	Gun 6-2 error (ms) : -1.5
1465	1465	ALL	Gun timing error	Gun 6-2 error (ms) : -1.1

1606	1606	ALL	Gun timing error	Gun 6-2 error (ms) : -1.6
1660	1660	ALL	Gun timing error	Gun 6-2 error (ms) : -1.9
1757	1757	ALL	Gun timing error	Gun 6-2 error (ms) : -1.1
1986	1986	ALL	Gun timing error	Gun 6-2 error (ms) : -1.4
2252	2252	ALL	Gun timing error	Gun 6-2 error (ms) : -1.2
2350	2350	ALL	Gun timing error	Gun 6-2 error (ms) : 1.2
2389	2389	ALL	Gun timing error	Gun 6-2 error (ms) : -1.2
2398-2414	2398-2414	1914-1937	Bird depth out of spec	Bird C6-5
2468-2482	2468-2482	1890-1913	Bird depth out of spec	Bird C6-4
2470-2496	2470-2496	1914-1937	Bird depth out of spec	Bird C6-5
2569-2580	2569-2580	1890-1913	Bird depth out of spec	Bird C6-4
2654	2654	ALL	Gun timing error	Gun 5-4 error (ms) : 1.3
2655	2655	ALL	Gun timing error	Gun 5-4 error (ms) : 1.3
2656	2656	ALL	Gun timing error	Gun 5-4 error (ms) : 1.1
2664	2664	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2666	2666	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2691	2691	ALL	Gun timing error	Gun 5-4 error (ms) : 1.3
2693	2693	ALL	Gun timing error	Gun 5-4 error (ms) : 1.2
2710-2721	2710-2721	1890-1913	Bird depth out of spec	Bird C6-4
2716-2727	2716-2727	1914-1937	Bird depth out of spec	Bird C6-5
2731	2731	ALL	Gun timing error	Gun 5-4 error (ms) : 1.1
2745	2745	ALL	Gun timing error	Gun 5-4 error (ms) : 1.7
2749	2749	ALL	Gun timing error	Gun 5-4 error (ms) : 1.1
2771	2771	ALL	Gun timing error	Gun 5-4 error (ms) : 1.3
2777	2777	ALL	Gun timing error	Gun 5-4 error (ms) : 1.3
2784	2784	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2791	2791	ALL	Gun timing error	Gun 5-4 error (ms) : -1.7
2793	2793	ALL	Gun timing error	Gun 5-4 error (ms) : -1.8
2794	2794	ALL	Gun timing error	Gun 5-4 error (ms) : -1.9

### Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
1001-2926	1001-	ALL	Gun disabled	Gun 1-2. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001-	ALL	Gun disabled	Gun 1-3. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001-	ALL	Gun disabled	Gun 1-4. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001-	ALL	Gun disabled	Gun 1-5. Source volume at shot 1001 : 3542 cu.in.
1001-	1001-	ALL	Gun disabled	Gun 1-6. Source volume at shot 1001 :

2926			3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 1-7. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 1-8. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 2-1. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 2-2. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 2-3. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 2-4. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 2-5. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 2-6. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 2-7. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 2-8. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 3-1. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 3-2. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 3-3. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 3-4. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 3-5. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 3-6. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 3-7. Source volume at shot 1001 : 3542 cu.in.
1001-2926	1001- ALL	Gun disabled	Gun 3-8. Source volume at shot 1001 : 3542 cu.in.

**List of used abbreviations:**

<b>SOL/EOL</b>	Start/End of line.
<b>FSP/LSP</b>	First/Last shotpoint of the
<b>FCSP/LCSP</b>	First/Last chargeable
<b>MSP</b>	Midnight (last) shotpoint of the
<b>FGSP/LGSP</b>	First/Last Good Shotpoint
<b>FOSP/LOSP</b>	First/Last Overlap Shotpoint

<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

FOSP/LOSP	First/Last Overlap Shotpoint	
FSP/LSP R/O	First/Last Shotpoint Runout	