



# ACQUISITION REPORT Sequence-0002



## Survey:

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

## Sequence:

Linename GP021216P002  
Preplot GP021216  
Direction 198.0°  
SOL Date 10:14:53utc 09-Aug-  
2002  
EOL Date 14:16:36utc 09-Aug-  
2002

## Attributes:

Wind Force 11.0 [knots] Dir SW  
Swell Height 1.0 [meters] Dir SW  
Propellor rpm 135 [avg]  
Propellor 90 [avg]  
pitch  
  
**SOL EOL**  
Waterdepth 167.0 77.0 [meters]  
Bottomspeed 4.8 4.4 [knots]  
Featherangle port -5.9 port -0.7 [deg]  
Cable noise 25.5 5.3 [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]
----------------	------------------	-----------	-------------------	------------------------------	------------------------	------------	--------------	-------------	---------------	----------------------

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)		1254 - 1255				
SOL Dummy Record(s)	1256 - 1265	1256 - 1265	10:13:37 - 10:14:45			
FSP Start of Line MSP	1266	1266	10:14:53			
LSP End of Line	3102	3102	14:16:36			
EOL Dummy Record(s)						
EOL Noise Record(s)		3103 - 3106				
<b><u>Line-segments:</u></b>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
1266 - 3102	1266 - 3102	10:14:53-14:16:36	Prime	16	Valid	
<b><u>Remarks:</u></b>						
Navigation	Streamer depth 8.0mtrs					
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1016mB. High noise value, bend in cables @ SOL d/t short run-in.					

### Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
1254 - 1683	1254 - 1683	1	6	
1684 - 2113	1684 - 2113	2	7	
2114 - 2543	2114 - 2543	1	8	

2114 - 2543	2114 - 2543	1	8	
2544 - 2973	2544 - 2973	2	9	
2974 - 3106	2974 - 3106	1	10	
<b>Stream 2</b>				
<b>Shot(s)</b>	<b>Files</b>	<b>Deck Reel</b>		<b>Remark</b>
1254 - 1683	1254 - 1683	3	6	
1684 - 2113	1684 - 2113	4	7	
2114 - 2543	2114 - 2543	3	8	
2544 - 2973	2544 - 2973	4	9	
2974 - 3106	2974 - 3106	3	10	

## **Seismic Data Annotations**

### **NTBP**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
ALL	ALL-	109	Killed traces	
ALL	ALL	161, 304, 2343	Noisy Trace(s)	
ALL	ALL	1492, 2497	Weak Trace(s)	Trace signal less than -6dB of nominal value
1448	1448	ALL	External header lost	
2545-2617	2545-2617	2243-2284	Monowing wash	Low frequency, high amplitude noise due to monowing wash
2779-2801	2779-2801	2241-2305	Monowing wash	Low frequency, high amplitude noise due to monowing wash
2838-2842	2838-2842	2253-2279	Monowing wash	Low frequency, high amplitude noise due to monowing wash
2855-2860	2855-2860	2626-2649	Bird depth out of spec	Bird C8-4 max depth 11.5mtrs
2858-2898	2858-2898	2229-2286	Monowing wash	Low frequency, high amplitude noise due to monowing wash
3028	3028	ALL	External header lost	

### **Warning**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
ALL	ALL	1-18, 20, 22, 369-370, 372-383, 385, 737-744, 752, 1473, 1841-1851, 1857, 1861-1862, 1864, 2209-2228, 2230-2232, 2235, 2577-2601, 2603, 2605-2607	Slope alarm	> 5% of total line

1450-1473	1450-1473	NONE	Streamer depth	Streamer depth out of spec, Bird 7-6 9.9 m.
1643	1643	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1801-1875	1801-1875	ALL	Ship Noise	High level shipnoise from abeam. Level 20 uBar (RMS).
1815	1815	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2055	2055	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2071	2071	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2247	2247	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2311	2311	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2327	2327	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2451	2451	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2527-2583	2527-2583	NONE	Streamer depth	Streamer depth out of spec, Bird 7-4 10.6 m.
2583-2613	2583-2613	NONE	Streamer depth	Streamer depth out of spec, Bird 8-5 10.1 m.
2586-2650	2586-2650	NONE	Streamer depth	Streamer depth out of spec, Bird 8-6 10.5 m.
2587-2605	2587-2605	NONE	Streamer depth	Streamer depth out of spec, Bird 7-5 10.8 m.
2596-2723	2596-2723	NONE	Streamer depth	Streamer depth out of spec, Bird 7-7 10.9 m.
2597-2644	2597-2644	NONE	Streamer depth	Streamer depth out of spec, Bird 8-7 10.1 m.
2599-2643	2599-2643	NONE	Streamer depth	Streamer depth out of spec, Bird 7-6 9.9 m.
2606-2651	2606-2651	NONE	Streamer depth	Streamer depth out of spec, Bird 7-7 9.8 m.
2631-2660	2631-2660	NONE	Streamer depth	Streamer depth out of spec, Bird 7-7 9.6 m.
2721-2740	2721-2740	NONE	Streamer depth	Streamer depth out of spec, Bird 8-4 11.2 m.
2798	2798	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2844-2878	2844-2878	NONE	Streamer depth	Streamer depth out of spec, Bird 8-5 11.2 m.
2844-2882	2844-2882	NONE	Streamer depth	Streamer depth out of spec, Bird 8-6 10.1 m.
2930-2944	2930-2944	NONE	Streamer depth	Streamer depth out of spec, Bird 7-4 6.5 m.
2956-2967	2956-2967	NONE	Streamer depth	Streamer depth out of spec, Bird 7-6 6.6 m.
3064	3064	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
3092-3102	3092-3102	NONE	Bird depth out of spec	Bird C8-4
3102	3102	NONE	Bird depth out of spec	Bird C7-4

## Comment

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

**List of used abbreviations:**

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

Deg	Degrees: e[0,360]
rev	Revolutions
utc	Universal Time Coordinated
SPs	Shotpoints
CMPs	Common midpoints
NTBP	Not to be processed
SI	Seismic interference