



# ACQUISITION REPORT Sequence-0022



## Survey:

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

## Sequence:

Linename GP021360P022  
Preplot GP021360  
Direction 198.0°  
SOL Date 03:59:55utc 17-Aug-2002  
EOL Date 08:02:13utc 17-Aug-2002

## Attributes:

Wind Force	12.0	[knots]	Dir SW
Swell Height	3.0	[meters]	Dir SE
Propellor rpm	135	[avg]	
Propellor pitch	89	[avg]	

  

	SOL	EOL	
Waterdepth	121.0	72.0	[meters]
Bottomspeed	4.46	4.8	[knots]
Featherangle	port -5.3	port -0.4	[deg]
Cable noise	10.24	9.96	[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)		1254 - 1255				
SOL Dummy Record(s)	1256 - 1265	1256 - 1265	03:58:33 - 03:59:47			
FSP Start of Line	1266	1266	03:59:55			
MSP						
LSP End of Line	3099	3099	08:02:13			
EOL Dummy Record(s)						
EOL Noise Record(s)		3100 - 3101				
<b><u>Line-segments:</u></b>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
1266 - 3099	1266 - 3099	03:59:55-08:02:13	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 1028mB.Occasional swell noise observed during the line					

### Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
1254 - 1683	1254 - 1683	1	100	
1684 - 2113	1684 - 2113	2	101	
2114 - 2543	2114 - 2543	1	102	

2114 - 2543	2114 - 2543	1	102	
2544 - 2973	2544 - 2973	2	103	
2974 - 3101	2974 - 3101	1	104	
<b>Stream 2</b>				
<b>Shot(s)</b>	<b>Files</b>	<b>Deck</b>	<b>Reel</b>	<b>Remark</b>
1254 - 1683	1254 - 1683	4	100	
1684 - 2113	1684 - 2113	3	101	
2114 - 2543	2114 - 2543	4	102	
2544 - 2973	2544 - 2973	3	103	
2974 - 3101	2974 - 3101	4	104	

## **Seismic Data Annotations**

<b>NTBP</b>				
<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
ALL	ALL	1492, 2497	Weak Trace(s)	
ALL	ALL	161, 243, 1846	Killed Trace(s)	
ALL	ALL	1657, 1991	Spiking Trace(s)	
ALL	ALL	304, 1304, 2345	Noisy Trace(s)	
1644-1651	1644-1651	2674-2697	Bird depth out of spec	Bird C8-6, max depth 10.3m
1755-1761	1755-1761	74-97	Bird depth out of spec	Bird C1-5, max depth 10.2m
1984-1999	1984-1999	2626-2649	Bird depth out of spec	Bird C8-4, max depth 10.4m
2122-2128	2122-2128	2258-2281	Bird depth out of spec	Bird C7-4, max depth 10.2m
2252	2252	ALL	External header lost	
2786-2795	2786-2795	2602-2625	Bird depth out of spec	Bird C8-3
2789-2808	2789-2808	2626-2649	Bird depth out of spec	Bird C8-4
2895-2903	2895-2903	2258-2281	Bird depth out of spec	Bird C7-4, max depth 10.5m
2910-2925	2910-2925	2258-2281	Bird depth out of spec	Bird C7-4, max depth 10.5m
2910-2940	2910-2940	2626-2649	Bird depth out of spec	Bird C8-4, max depth 11.4m
2913-2934	2913-2934	2602-2625	Bird depth out of spec	Bird C8-3, max depth 11.2m
2921-2927	2921-2927	2282-2305	Bird depth out of spec	Bird C7-5, max depth 10.6m
2923-2939	2923-2939	2650-2673	Bird depth out of spec	Bird C8-5, max depth 10.9m

3056-3085	3056-3085	2626-2649	Bird depth out of spec	Bird C8-4,max depth 11.1m
3061-3087	3061-3087	2650-2673	Bird depth out of spec	Bird C8-5,max depth 10.6m
3076-3084	3076-3084	2674-2697	Bird depth out of spec	Bird C8-6, max depth 10.6m
3090-3095	3090-3095	2626-2649	Bird depth out of spec	Bird C8-4, max depth 10.9m

### Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
1427	1427	ALL	Gun Timing Error	Gun 2-3 error (ms) : -1.1
1437	1437	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1449	1449	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1612	1612	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1640-1653	1640-1653	NONE	Bird depth out of spec	Bird C7-6
1659	1659	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1724	1724	ALL	Gun timing error	Gun 4-5 error (ms) : -1.2
1845-1855	1845-1855	NONE	Bird depth out of spec	Bird C2-5
1921	1921	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1975-1991	1975-1991	NONE	Bird depth out of spec	Bird C7-3
1979	1979	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1982-1996	1982-1996	NONE	Bird depth out of spec	Bird C8-3
1993-2003	1993-2003	NONE	Bird depth out of spec	Bird C8-5
2067	2067	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2246	2246	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2558	2558	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2
2644-2658	2644-2658	NONE	Bird depth out of spec	Bird C7-4
2648-2658	2648-2658	NONE	Bird depth out of spec	Bird C7-5
2706-2718	2706-2718	NONE	Bird depth out of spec	Bird C8-4
2711	2711	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2729	2729	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2807	2807	ALL	Gun timing error	Gun 2-3 error (ms) : -1.4
2855	2855	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2926-2942	2926-2942	NONE	Bird depth out of spec	Bird C8-6
3033-3049	3033-3049	NONE	Bird depth out of spec	Bird C8-5
3047-3055	3047-3055	NONE	Bird depth out of spec	Bird C8-6

3060-3075	3060-3075	NONE	Bird depth out of spec	Bird C8-6
3067-3097	3067-3097	NONE	Bird depth out of spec	Bird C8-7
3088-3099	3088-3099	NONE	Bird depth out of spec	Bird C8-5
3088-3099	3088-3099	NONE	Bird depth out of spec	Bird C8-6

### Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
2718-3099	2718-3099	ALL	Source depth out of spec	Source-depth for gun position 5-4 incorrect depth reading.

#### 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