



# ACQUISITION REPORT Sequence-0066



## Survey:

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

## Sequence:

Linename GP021504P066  
Preplot GP021504  
Direction 198.0°  
SOL Date 00:15:25utc 31-Aug-2002  
EOL Date 05:37:17utc 31-Aug-2002

## Attributes:

Wind Force 10.0 [knots] Dir NW  
Swell Height 1.5 [meters] Dir SW  
Propellor rpm 135 [avg]  
Propellor 91 [avg]  
pitch  
  
**SOL EOL**  
Waterdepth 106.0 65.0 [meters]  
Bottomspeed 4.4 4.8 [knots]  
Featherangle port -6.7 sb +3.4 [deg]  
Cable noise 17.1 7.7 [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)		989 - 990				
SOL Dummy Record(s)	991 - 1000	991 - 1000	00:14:00 - 00:15:16			
FSP Start of Line MSP	1001	1001	00:15:25			
LSP End of Line	3393	3393	05:37:17			
EOL Dummy Record(s)						
EOL Noise Record(s)		3394 - 3395				
<b><u>Line-segments:</u></b>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
1001 - 3393	1001 - 3393	00:15:25-05:37:17	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. High noise value, bend in cables @ SOL d/t short run-in.					

### Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
989 - 1418	989 - 1418	1	326	
1419 - 1848	1419 - 1848	2	327	
1849 - 2278	1849 - 2278	1	328	

1849 - 2278	1849 - 2278	1	328
2279 - 2708	2279 - 2708	2	329
2709 - 3138	2709 - 3138	1	330
3139 - 3395	3139 - 3395	2	331

#### Stream 2

Shot(s)	Files	Deck	Reel	Remark
989 - 1418	989 - 1418	3	326	
1419 - 1848	1419 - 1848	4	327	
1849 - 2278	1849 - 2278	3	328	
2279 - 2708	2279 - 2708	4	329	
2709 - 3138	2709 - 3138	3	330	
3139 - 3395	3139 - 3395	4	331	

### Seismic Data Annotations

#### NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	304	Noisy Trace(s)	
ALL	ALL	1492	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	1991, 243, 109, 1657	Spiking Trace(s)	
ALL	ALL	161, 1846, 1983	Killed traces	
1453-1570	1453-1570	1274-1297	Bird depth out of spec	Bird C4-9 max 5 m
1487-1550	1487-1550	1298-1321	Bird depth out of spec	Bird C4-10 min 5m
1755-1771	1755-1771	2626-2649	Bird depth out of spec	Bird C8-4 max depth 10.3mtrs

#### Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
1109-1118	1109-1118	NONE	Bird depth out of spec	Bird C2-4
1146-1162	1146-1162	NONE	Bird depth out of spec	Bird C2-4
1185	1185	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1291-1303	1291-1303	NONE	Bird depth out of spec	Bird C8-5
1295-1314	1295-1314	NONE	Bird depth out of spec	Bird C8-6
1319	1319	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1390-1555	1390-1555	ALL	Current change	Current change max 40uBar
1429-	1429-	NONE	Bird depth out of	Bird C4-9

1437	1437		spec	
1471-1487	1471-1487	NONE	Bird depth out of spec	Bird C4-10
1492-1516	1492-1516	NONE	Bird depth out of spec	Bird C4-10
1528-1543	1528-1543	NONE	Bird depth out of spec	Bird C4-10
1551-1563	1551-1563	NONE	Bird depth out of spec	Bird C4-10
1751-1771	1751-1771	NONE	Bird depth out of spec	Bird C8-5
1754	1754	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
1768	1768	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1820	1820	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1835	1835	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1836	1836	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1880	1880	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
2005	2005	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2031	2031	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
2330-2532	2330-2532	ALL	Current change	Current change max 47uBar
2779	2779	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2870	2870	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1

### 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