



ACQUISITION REPORT Sequence-0025



Survey:

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

Sequence:

Linename GP021184P025
Preplot GP021184
Direction 18.0°
SOL Date 21:25:28utc 17-Aug-2002
EOL Date 01:36:57utc 18-Aug-2002

Attributes:

Wind Force	10.0	[knots]	Dir SW
Swell Height	1.5	[meters]	Dir SE
Propellor rpm	135	[avg]	
Propellor pitch	90	[avg]	

	SOL	EOL	
Waterdepth	90.0	244.0	[meters]
Bottomspeed	4.4	4.6	[knots]
Featherangle	sb +11.5	sb +11.6	[deg]
Cable noise	6.6	5.8	[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 ³]	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 ¹]	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)		2992 - 2991				
SOL Dummy Record(s)	2990 - 2981	2990 - 2981	21:24:06 - 21:25:20			
FSP Start of Line	2980	2980	21:25:28			
MSP	1838	1838	23:59:57			
LSP End of Line	1143	1143	01:36:57			
EOL Dummy Record(s)						
EOL Noise Record(s)		1142 - 1142				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
2980 - 1143	2980 - 1143	21:25:28- 01:36:57	Prime	16	Valid	
<u>Remarks:</u>						
Navigation	Streamer depth at 8m					
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1030mB. High noise value, bend in cables @ SOL d/t short run-in.					

Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
2992 - 2563	2992 - 2563	1	115	
2562 - 2133	2562 - 2133	2	116	
2132 - 1703	2132 - 1703	1	117	

2132 - 1703	2132 - 1703	1	117
1702 - 1273	1702 - 1273	2	118
1272 - 1142	1272 - 1142	1	119

Stream 2

Shot(s)	Files	Deck Reel	Remark
2992 - 2563	2992 - 2563	3	115
2562 - 2133	2562 - 2133	4	116
2132 - 1703	2132 - 1703	3	117
1702 - 1273	1702 - 1273	4	118
1272 - 1142	1272 - 1142	3	119

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	304, 1303, 2345, 2496	Noisy Trace(s)	
ALL	ALL	1492, 1983	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	1657, 1991	Spiking Trace(s)	
ALL	ALL	161, 243, 1846	Killed traces	
1738	1738	ALL	External header lost	
1570-1562	1570-1562	2626-2649	Bird depth out of spec	Bird 8-4 deep max 8.7 mtrs

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	NONE	Bad Gun DI	Gun 5-6 bad DI
2951	2951	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2811-2723	2811-2723	NONE	Streamer depth	Bird 8-4 max 10.1 mtrs
2245-1825	2245-1825	ALL	Strong reflections	Multiples and late arrival observed in the data.
2002	2002	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2
1975-1895	1975-1895	ALL	Rip current noise	Rip current noise visible on front half of all cables
1793	1793	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1722	1722	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2
1693	1693	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1511	1511	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
1383-1368	1383-1368	NONE	Bird depth out of spec	Bird C2-3
1370-1367	1370-1367	NONE	Bird depth out of spec	Bird C2-5
1365-	1365-	NONE	Bird depth out of	Bird C2-4

1354	1354		spec	
1362-1346	1362-1346	NONE	Bird depth out of spec	Bird C1-5
1361-1352	1361-1352	NONE	Bird depth out of spec	Bird C2-5
1355-1346	1355-1346	NONE	Bird depth out of spec	Bird C1-6
1265-1256	1265-1256	NONE	Bird depth out of spec	Bird C8-4

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