



ACQUISITION REPORT Sequence-0023



Survey:

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

Sequence:

Linename GP021088A023
Preplot GP021088
Direction 18.0°
SOL Date 09:38:12utc 17-Aug-
2002
EOL Date 13:44:08utc 17-Aug-
2002

Attributes:

Wind Force 10.0 [knots] Dir SW
Swell Height 2.5 [meters] Dir SW
Propellor rpm 135 [avg]
Propellor 90 [avg]
pitch

SOL EOL
Waterdepth 95.0 310.0 [meters]
Bottomspeed 4.6 4.6 [knots]
Featherangle sb +9.0 sb +9.6 [deg]
Cable noise 24.2 8.4 [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]
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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)		2994 - 2993				
SOL Dummy Record(s)	2992 - 2983	2992 - 2983	09:36:52 - 09:38:04			
FSP Start of Line MSP	2982	2982	09:38:12			
LSP End of Line	1143	1143	13:44:08			
EOL Dummy Record(s)						
EOL Noise Record(s)		1142 - 1141				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
2982 - 1143	2982 - 1143	09:38:12-13:44:08	Reshoot	16	Valid	Reshoot of sequence 011
<u>Remarks:</u>						
Navigation	Streamer depth 8.0 mtr					
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1029mB. High noise value, bend in cables @ SOL d/t short run-in.					

Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
2994 - 2565	2994 - 2565	1	105	
2564 - 2135	2564 - 2135	2	106	
2134 - 1705	2134 - 1705	1	107	

2134 - 1705	2134 - 1705	1	107
1704 - 1275	1704 - 1275	1	108
1274 - 1141	1274 - 1141	2	109

Stream 2

Shot(s)	Files	Deck Reel	Remark
2994 - 2565	2994 - 2565	3	105
2564 - 2135	2564 - 2135	3	106
2134 - 1705	2134 - 1705	4	107
1704 - 1275	1704 - 1275	3	108
1274 - 1141	1274 - 1141	4	109

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	161, 243, 1846	Killed Trace(s)	
ALL	ALL	1657, 1991	Spiking Trace(s)	
ALL	ALL	304, 1304, 2345	Noisy Trace(s)	
ALL	ALL	1492, 2497	Weak Trace(s)	Trace signal less than -6dB of nominal value
2342	2342	ALL	External header lost	
1923	1923	ALL	External header lost	
1852-1845	1852-1845	50-73	Bird depth out of spec	Bird C1-4 max depth 10.9mtrs
1852-1848	1852-1848	418-441	Bird depth out of spec	Bird C2-4 max depth 10.3mtrs

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	ALL	Swell Noise	Burst of swell noise visible on all cables approx 5% breakout
ALL	ALL	NONE	Bad bird	Bird 4-8 no comms
2953	2953	NONE	Gun depth transducer	Gun 5-6 Bad reading from depth transducer
2933	2933	ALL	Gun Timing Error	Gun 2-3 error (ms): -1.1
2895	2895	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2809-2791	2809-2791	NONE	Bird depth out of spec	Bird C8-4
2775	2775	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2630	2630	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1815	1815	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1751	1751	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1642	1642	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2

1417	1417	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1354	1354	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2

Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
1235	1235	ALL	Source sequence change	Source 2 fired at this shot, port guns now firing on odd sps

List of used abbreviations:

SOL/EOL	Start/End of line.	Deg	Degrees: e[0,360]
FSP/LSP	First/Last shotpoint of the line.	rev	Revolutions
FCSP/LCSP	First/Last chargeable shotpoint	utc	Universal Time Coordinated
MSP	Midnight (last) shotpoint of the day	SPs	Shotpoints
FGSP/LGSP	First/Last Good Shotpoint	CMPs	Common midpoints
FOSP/LOSP	First/Last Overlap Shotpoint	NTBP	Not to be processed
FSP/LSP R/O	First/Last Shotpoint Runout	SI	Seismic interference