



ACQUISITION REPORT Sequence-0091



Survey:

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

Sequence:

Linename GP022048P091
Preplot GP022048
Direction 18.0°
SOL Date 12:08:17utc 12-Sep-
2002
EOL Date 14:49:09utc 12-Sep-
2002

Attributes:

Wind Force 0.0 [knots] \$(wind_dir)
Swell Height 1.5 [meters] Dir SW
Propellor rpm 135 [avg]
Propellor 92 [avg]
pitch

SOL EOL

Waterdepth 68.0 74.0 [meters]
Bottomspeed 5.2 3.6 [knots]
Featherangle port -6.5 port -12.8 [deg]
Cable noise 7.0 5.7 [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 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) | | 3288 - 3287 | | | | |
| SOL Dummy Record(s) | 3286 - 3257 | 3286 - 3257 | 12:04:46 - 12:08:10 | | | |
| FSP Start of Line | 3256 | 3256 | 12:08:17 | | | |
| MSP | | | | | | |
| LSP End of Line | 2135 | 2135 | 14:49:09 | | | |
| EOL Dummy Record(s) | | | | | | |
| EOL Noise Record(s) | | 2134 - 2133 | | | | |
| <u>Line-segments:</u> | | | | | | |
| SPs | Files | Times [utc] | Type | # CMPs | Status | Remarks |
| 3256 - 2135 | 3256 - 2135 | 12:08:17- 14:49:09 | Prime | 16 | Valid | |
| <u>Remarks:</u> | | | | | | |
| Navigation | | Streamer depth 8mtrs | | | | |
| Recording QC | | Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1031mB. | | | | |

Tape-list

| Stream 1 | | | |
|-------------|-------------|-----------|--------|
| Shot(s) | Files | Deck Reel | Remark |
| 3288 - 2859 | 3288 - 2859 | 1 414 | |
| 2858 - 2429 | 2858 - 2429 | 2 415 | |
| 2428 - 2134 | 2428 - 2134 | 1 416 | |
| Stream 2 | | | |
| Shot(s) | Files | Deck Reel | Remark |

| Shot(s) | Files | Deck | Reel | Remark |
|-------------|-------------|------|------|--------|
| 3288 - 2859 | 3288 - 2859 | 4 | 414 | |
| 2858 - 2429 | 2858 - 2429 | 3 | 415 | |
| 2428 - 2134 | 2428 - 2134 | 3 | 416 | |

Seismic Data Annotations

NTBP

| Shot(s) | File(s) | Trace(s) | Type | Remark |
|-----------|-----------|----------------------------|------------------------|--|
| ALL | ALL- | 161, 1846, 1983 | Killed traces | |
| ALL | ALL- | 1492 | Weak Trace(s) | Trace signal less than -6dB of nominal value |
| ALL | ALL- | 1991, 243, 109, 1657, 1553 | Spiking Trace(s) | |
| ALL | ALL | 304 | Noisy Trace(s) | |
| 2683-2679 | 2683-2679 | 2234-2257 | Bird depth out of spec | Bird C7-3, max depth 10.2m |
| 2683-2671 | 2683-2671 | 2258-2281 | Bird depth out of spec | Bird C7-4, max depth 10.9m |
| 2680-2663 | 2680-2663 | 2626-2649 | Bird depth out of spec | Bird C8-4, max depth 11.2m |
| 2676-2670 | 2676-2670 | 2282-2305 | Bird depth out of spec | Bird C7-5, max depth 10.4m |
| 2674-2665 | 2674-2665 | 2650-2673 | Bird depth out of spec | Bird C8-5, max depth 10.7m |
| 2292-2288 | 2292-2288 | 2282-2305 | Bird depth out of spec | Bird C7-5, max depth 10.3m |

Warning

| Shot(s) | File(s) | Trace(s) | Type | Remark |
|-----------|-----------|---|------------------------|---------------------------|
| ALL | ALL | 1-17, 22, 369-381, 383, 737-741, 2209-2235, 2577-2601, 2603, 2614 | Slope alarm | > 5% of total line |
| 3201 | 3201 | ALL | Gun timing error | Gun 2-3 error (ms) : -1.1 |
| 2839-2830 | 2839-2830 | 2282-2305 | Bird depth out of spec | Bird C7-5, max depth 9.6m |
| 2678-2666 | 2678-2666 | 2306-2329 | Bird depth out of spec | Bird C7-6 |
| 2396-2380 | 2396-2380 | 2282-2305 | Bird depth out of spec | Bird C7-5 |
| 2357-2340 | 2357-2340 | 2674-2697 | Bird depth out of spec | Bird C8-6 |
| 2348- | 2348- | 2258-2281 | Bird depth out of | Bird C7-4 |

| | | | | |
|------|------|-----|------------------|---------------------------|
| 2337 | 2337 | | spec | |
| 2325 | 2325 | ALL | Gun timing error | Gun 2-3 error (ms) : -1.1 |
| 2161 | 2161 | ALL | Gun timing error | Gun 2-3 error (ms) : -1.3 |

Comment

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

| | | | |
|------------------------------------|--------------------------------------|-------------|----------------------------|
| 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 |