



ACQUISITION REPORT Sequence-0063



Survey:

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

Sequence:

Linename GP021296B063
Preplot GP021296
Direction 198.0°
SOL Date 00:14:27utc 30-Aug-2002
EOL Date 01:51:04utc 30-Aug-2002

Attributes:

| | | | |
|-----------------|------|----------|---------|
| Wind Force | 20.0 | [knots] | Dir NW |
| Swell Height | 1.5 | [meters] | Dir WSW |
| Propellor rpm | 135 | [avg] | |
| Propellor pitch | 91 | [avg] | |

| | SOL | EOL | |
|---------------|------------|-----------|------------|
| Waterdepth | 160.0 | 208.0 | [meters] |
| Bottomspeed | 4.5 | 3.8 | [knots] |
| Featherangle | port -11.6 | port -5.2 | [deg] |
| Cable noise | 5.6 | 0.0 | [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) | | 1254 - 1255 | | | | |
| SOL Dummy Record(s) | 1256 - 1265 | 1256 - 1265 | 00:13:01 - 00:14:18 | | | |
| FSP Start of Line | 1266 | 1266 | 00:14:27 | | | |
| MSP | | | | | | |
| LSP End of Line | 1900 | 1900 | 01:51:04 | | | |
| EOL Dummy Record(s) | | | | | | |
| EOL Noise Record(s) | | 1951 - 1952 | | | | |
| <u>Line-segments:</u> | | | | | | |
| SPs | Files | Times [utc] | Type | # CMPs | Status | Remarks |
| 1266 - 1362 | 1266 - 1362 | 00:14:27-00:28:09 | Reshoot | 16 | Valid | Reshoot seq's 12 (streamers crossed) and 14 (compressor) |
| 1363 - 1900 | 1363 - 1900 | 00:28:18-01:51:04 | Infill | 16 | Valid | |
| <u>Remarks:</u> | | | | | | |
| Navigation | Streamer depth at 8m | | | | | |
| 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 |
| 1254 - 1683 | 1254 - 1683 | 1 | 312 |
| 1684 - 1952 | 1684 - 1952 | 2 | 313 |

| | | | | |
|-----------------|--------------|-------------|-------------|---------------|
| 1684 - 1952 | 1684 - 1952 | 2 | 313 | |
| Stream 2 | | | | |
| Shot(s) | Files | Deck | Reel | Remark |
| 1254 - 1683 | 1254 - 1683 | 3 | 312 | |
| 1684 - 1952 | 1684 - 1952 | 4 | 313 | |

Seismic Data Annotations

NTBP

| Shot(s) | File(s) | Trace(s) | Type | Remark |
|---------|---------|----------------------------|----------------------|---|
| ALL | ALL | 1492 | Weak Trace(s) | Trace signal less than -6dB of nominal value |
| ALL | ALL | 1991, 243, 109, 1657, 1983 | Spiking Trace(s) | |
| ALL | ALL | 304 | Noisy Trace(s) | |
| ALL | ALL | 161, 1846 | Killed Trace(s) | Multiples and late arrivals observed in the data. |
| 1466 | 1466 | ALL | External header lost | |
| 1869 | 1869 | ALL | External header lost | |

Warning

| Shot(s) | File(s) | Trace(s) | Type | Remark |
|---------|---------|----------|------------------|---------------------------|
| 1513 | 1513 | ALL | Gun timing error | Gun 2-3 error (ms) : -1.1 |
| 1593 | 1593 | ALL | Gun timing error | Gun 2-3 error (ms) : -1.2 |
| 1692 | 1692 | ALL | Gun timing error | Gun 4-5 error (ms) : -1.1 |
| 1851 | 1851 | ALL | Gun timing error | Gun 2-3 error (ms) : -1.1 |

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 |