



ACQUISITION REPORT Sequence-0088



Survey:

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

Sequence:

Linename GP022224P088
Preplot GP022224
Direction 198.0°
SOL Date 20:51:58utc 11-Sep-
2002
EOL Date 23:35:41utc 11-Sep-
2002

Attributes:

| | | | |
|-----------------|------|----------|---------|
| Wind Force | 12.0 | [knots] | Dir SSW |
| Swell Height | 1.0 | [meters] | Dir SSW |
| Propellor rpm | 135 | [avg] | |
| Propellor pitch | 90 | [avg] | |

| | | | |
|---------------|------------|------------|------------|
| | SOL | EOL | |
| Waterdepth | 71.0 | 66.0 | [meters] |
| Bottomspeed | 4.2 | 3.9 | [knots] |
| Featherangle | port -12.9 | port -3.0 | [deg] |
| Cable noise | 8.4 | 7.5 | [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) | | 2301 - 2302 | | | | |
| SOL Dummy Record(s) | 2303 - 2332 | 2303 - 2332 | 20:47:38 - 20:51:49 | | | |
| FSP Start of Line | 2333 | 2333 | 20:51:58 | | | |
| MSP | | | | | | |
| LSP End of Line | 3374 | 3374 | 23:35:41 | | | |
| EOL Dummy Record(s) | | | | | | |
| EOL Noise Record(s) | | 3375 - 3376 | | | | |
| <u>Line-segments:</u> | | | | | | |
| SPs | Files | Times [utc] | Type | # CMPs | Status | Remarks |
| 2333 - 3374 | 2333 - 3374 | 20:51:58-23:35:41 | Prime | 16 | Valid | |
| <u>Remarks:</u> | | | | | | |
| Navigation | | Streamer depth 8mtrs | | | | |
| Recording QC | | Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1032mB. | | | | |

Tape-list

| Stream 1 | | | |
|-------------|-------------|-----------|--------|
| Shot(s) | Files | Deck Reel | Remark |
| 2301 - 2730 | 2301 - 2730 | 2 405 | |
| 2731 - 3160 | 2731 - 3160 | 1 406 | |
| 3161 - 3376 | 3161 - 3376 | 2 407 | |
| Stream 2 | | | |
| Shot(s) | Files | Deck Reel | Remark |

| Shot(s) | Files | Deck | Reel | Remark |
|-------------|-------------|------|------|--------|
| 2301 - 2730 | 2301 - 2730 | 4 | 405 | |
| 2731 - 3160 | 2731 - 3160 | 3 | 406 | |
| 3161 - 3376 | 3161 - 3376 | 4 | 407 | |

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 | 304 | Noisy Trace(s) | |
| ALL | ALL | 109, 243, 1553, 1657, 1991 | Spiking Trace(s) | |
| 2649 | 2649 | ALL | External header lost | |

Warning

| Shot(s) | File(s) | Trace(s) | Type | Remark |
|-----------|-----------|--|------------------------|--------------------------------|
| ALL | ALL | 1-13, 15-16, 369-381, 383, 737-741, 744, 752, 2209-2235, 2577-2600, 2603, 2607 | Slope alarm | > 5% of total line |
| 2333-3374 | 2333-3374 | 1866-1889 | Bird depth out of spec | Bird C6-3 |
| 2421 | 2421 | ALL | Gun timing error | Gun 2-3 error (ms) : -1.1 |
| 2673 | 2673 | ALL | Gun timing error | Gun 2-3 error (ms) : -1.2 |
| 3050 | 3050 | ALL | Ship Noise | From ahead. Level 5-10 uBar. |
| 3100 | 3100 | ALL | Ship Noise | From ahead. Level 15-20 uBar. |
| 3125 | 3125 | ALL | Ship Noise | From ahead. Level 20-30 uBar. |
| 3160 | 3160 | ALL | Ship Noise | From abeam. Level 15-20 uBar. |
| 3200 | 3200 | ALL | Ship Noise | From astern. Level 10-15 uBar. |
| 3230 | 3230 | ALL | Ship Noise | From astern. Level 5-10 uBar. |
| 3265 | 3265 | ALL | Ship Noise | No longer apparent |

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

Deg

Degrees: e[0,360]

rev

Revolutions

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

TRILOGY INFORMATION MANAGER - ACQUISITION REPORT - GENERATED 23:21:00utc 13-Sep-2002