

Vessel: M/V Pacific Titan
 Client: 3D Oil
 Project #: 6374
 Area: T41P

Preplotted LineName: **TDOB08-090**
 Contractors Line Name: **TDOB08-090-022**

Direction: **235°**
 Date Shot: **22 April 2008**

Party Chief: Haydn Brook Chief Obs: Tyrone Hackett Observers: Slawomir Korybalski, John Gracey, Ingvild Bostad

| FS Time (UTC) | SOLTape# | First File | First Shot | First Shot File | FGSP | FGSP File | FGSP Time (UTC) | Swell Noise Levels |
|----------------------|----------|------------------|----------------|-----------------|-------------|-------------|------------------|--------------------------|
| 20:06 | 28 | 979 | 2000 | 981 | 1980 | 1001 | 20:10 | <1.2% above 25µb |
| EOL Time (UTC) | EOLTape# | Last File | EOL SP | EOL File | LFFSP | LFFSP File | LFFSP Time (UTC) | |
| 22:55 | 28 | 1981 | 1001 | 1980 | 1121 | 1860 | 22:35 | <1.0% above 25µb |
| Wind Speed | Swell | Streamer Feather | Filtered Noise | Bottom Speed | Water Speed | Water Depth | Streamer Depth | Source Volume Stbd. Port |
| SOL 8 kts.NE | 2 m NE | 2.1 °Port | 5.6 µB | 4.6 kts. | 5 kts. | 69 m | 8 m | NA / 3040 cu. in |
| EOL 10 kts.NE | 2 m NE | 0° | 5.2 µB | 4.9 kts. | 5 kts. | 75 m | 8 m | NA / 3040 cu. in |

Recording Parameters

| | |
|---------------------|------------------------------|
| Recording System | Sercel Seal 408XL |
| Record Length | 6000 ms |
| Sample Rate | 2 ms |
| Start Of Data | 50 ms before FTB |
| Low Cut Filter | 4.7 Hz / 12dB Combined |
| Hi Cut Filter | 200 Hz @ 370 dB / Octave |
| Tape Format | Demux. SEGD rev 1, 8058 |
| Tape Brand | Imation BlackWatch 3590 10Gb |
| Polarity | First Break is Negative |
| Shot Point Interval | 25m |

Source Parameters

| | |
|---------------------------|-----------------------|
| Array Volume | 3040 cubic inches |
| Operating Pressure | 2000 psi +/- 10% |
| Array Configuration | 3 Strings |
| Array Numbering | Stbd to Port / 1 to 3 |
| Array Separation | 10m |
| Source Depth | 6 m +/- 1m |
| Center Source to Nav Mast | 180m |
| Comment | |

Auxiliary Channels

| | | |
|-----------------|-------------|-------|
| Aux1: System St | Aux4: WB S1 | Aux7: |
| Aux2: FTB | Aux5: | Aux8: |
| Aux3: 450 ms de | Aux6: | Aux9: |

Auxiliary Hydrophone Channels

| Array 1 | Array 2 | Array 3 |
|-------------------|-------------------|-------------------|
| Aux13: Position 1 | Aux19: Position 1 | Aux25: Position 1 |
| Aux14: Position 2 | Aux20: Position 2 | Aux26: Position 2 |
| Aux15: Position 3 | Aux21: Position 3 | Aux27: Position 3 |
| Aux16: Position 4 | Aux22: Position 4 | Aux28: Position 4 |
| Aux17: Position 5 | Aux23: Position 5 | Aux29: Position 5 |
| Aux18: Position 6 | Aux24: Position 6 | Aux30: Position 6 |

Streamer Parameters

| | |
|-----------------------|---|
| Number of Streamers | 1 |
| Streamer Length | 6000m |
| Number Channels | 480 |
| Group Interval | 12.5 m |
| Operating Depth | 8 m +/- 1m |
| Crossline offset | NA |
| Offset CSCNG (inline) | 145m (Centre of source to centre of near group) |

Line Status: Complete

Line Comments

String 1 NFH position 6 (Aux. 18) dead
 Occasional false depth errors reported String 3, DT2.
 SP 1758, 1723, 1634, 1629, 1620, 1583, 1579, 1541, 1414, 1401, 1384, 1290, 1268, 1227, 1216, 1084, 1077, 1017 Gun Depth errors caused by DT2 String 3.

Bad Channels

Ch. 91, 132, 337 failed capacitance.
 Ch. 242, 452 failed leakage.
 Ch. 452 failed Cutoff
 Ch. 59 reversed polarity.
 Ch. 7 noisy.
 Ch. 270 spiky

Sequence breakdown

| Start | End | Status | Comment |
|-------|------|--------|------------|
| 1980 | 1001 | Prime | TDOB08-090 |

Channels as recorded

| | |
|---------------------|------------|
| AuxChannels: A1-A30 | |
| Streamer1: 1-480 | Streamer4: |
| Streamer2: | Streamer5: |
| Streamer3: | Streamer6: |

| <i>GMT</i> | <i>Tape</i> | <i>Drive</i> | <i>File</i> | <i>SP</i> | <i>Event</i> | <i>Remarks</i> |
|------------|-------------|--------------|-------------|-----------|--------------|--|
| 19:30 | | | | | SoftStart | |
| | 28 | 0/1 | 979-980 | | BOT | Noise files |
| 20:06 | | | 981-1000 | 2000-1981 | FSP | Nav run in SPs |
| 20:10 | | | 1001 | 1980 | SOL | FGSP |
| | | | 1223 | 1758 | GUN | Depth error Cluster 3-2 4.6m, 3-3 3.2m, 3-4 4.8m |
| | | | 1258 | 1723 | GUN | Depth error Cluster 3-2 4.4m, 3-3 2.9m, 3-4 4.4m |
| | | | 1347 | 1634 | GUN | Depth error Cluster 3-3 4.7m |
| | | | 1352 | 1629 | GUN | Depth error Cluster 3-3 4.9m |
| | | | 1361 | 1620 | GUN | Depth error Cluster 3-2 4.7m, 3-3 3.4m, 3-4 4.8m |
| | | | 1398 | 1583 | GUN | Depth error Cluster 3-3 4.6m |
| | | | 1402 | 1579 | GUN | Depth error Cluster 3-3 4.7m |
| | | | 1440 | 1541 | GUN | Depth error Cluster 3-3 4.8m |
| | | | 1547 | 1434 | NDR | Nav Header missing. |
| | | | 1567 | 1414 | GUN | Depth error Cluster 3-3 4.9m |
| | | | 1580 | 1401 | GUN | Depth error Cluster 3-3 4.6m |
| | | | 1594 | 1387 | GUN-BadShot | Autofire reported, gun header missing. |
| | | | 1597 | 1384 | GUN | Depth error Cluster 3-2 4.9m, 3-3 3.9m |
| | | | 1691 | 1290 | GUN | Depth error Cluster 3-3 4.9m |
| | | | 1713 | 1268 | GUN | Depth error Cluster 3-2 4.4m, 3-3 3.1m, 3-4 4.7m |
| | | | 1739 | 1242 | GUN-BadShot | Autofire reported, gun header missing. |
| | | | 1754 | 1227 | GUN | Depth error Cluster 3-3 4.0m |
| | | | 1765 | 1216 | GUN | Depth error Cluster 3-2 0.7m, 3-4 1.2m |
| | | | 1789 | 1192 | NDR | Nav Header missing. |
| 22:35 | | | 1860 | 1121 | LFFSP | |
| | | | 1897 | 1084 | GUN | Depth error Cluster 3-3 4.8m |
| | | | 1904 | 1077 | GUN | Depth error Cluster 3-3 4.8m |
| | | | 1964 | 1017 | GUN | Depth error Cluster 3-3 4.2m |
| 22:55 | | | 1980 | 1001 | EOL | LGSP |
| | 28 | 0/1 | 1981 | | EOT | Noise File |

Abbreviations Used

| | | | | |
|----------------------------|---------------------------|-----------------------------|-----------------------------------|-----------------------------------|
| SOL = Start of Line | BOT = Beginning of Tape | FGSP = First Good Shotpoint | FFFSP = First Full Fold Shotpoint | NDR = No Data Recorded |
| EOL = End of Line | EOT = End of Tape | LGSP = Last Good Shotpoint | LFFSP = Last Full Fold Shotpoint | FCSP = First Chargeable Shotpoint |
| FA = Feather Angle | SI = Seismic Interference | FOLSP = First Overlap SP | LOLSP = Last Overlap Shotpoint | LCSP = Last Chargeable |
| NTBP = Not To Be Processed | ITB = Internal Time Break | FTB = Field Time Break | | |