

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

Preplotted LineName: **TDOB08-024**  
Contractors Line Name: **TDOB08-024-039**

Direction: **238°**  
Date Shot: **26 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		
16:29	50	979	2669	981	2649	1001	16:33			
									<1.9% above 25µb	
EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LFFSP	LFFSP File	LFFSP Time (UTC)	<1.0% above 25µb		
21:25	51	2650	1001	2649	1121	2529	21:03			
	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume Stbd.	Port
SOL	20 kts.W	3 m W	5.6 °Port	9.8 µB	4.6 kts.	4.7 kts.	70 m	9 m	NA / 3040	cu. in
EOL	20 kts.W	3 m W	0.8° Starboard	4.8 µB	4.7 kts.	4.8 kts.	77 m	9 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. SEG D 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  
Streamer set to 9m at client's request  
SOL - EOL: Swell Noise evident affecting < 5% of traces => 25µB. Decreasing throughout the line.  
Approx SP 1970: Drop of air pressure on all 3 gun strings d/t leakage on compressor.  
Started another compressor - air pressure in spec at all times.

### Bad Channels

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

### Sequence breakdown

Start	End	Status	Comment
2649	1001	Prime	TDOB08-24

### 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>
15:49					SoftStart	
	50	0/2	979-980		BOT	Noise files
16:29			981-1000	2669-2650	FSP	Nav run in SPs
16:33			1001	2649	SOL	FGSP
			1328	2322	GUN-BadShot	Autofire reported, gun header missing.
			1490	2160	GUN-BadShot	Autofire reported, gun header missing.
			1965	1685	GUN-BadShot	Autofire reported, gun header missing.
			2283	1367	NDR	Nav Header missing.
	50	0/2	2526	1124	EOT	
	51	0/2	2527	1123	BOT	
21:03			2529	1121	LFFSP	
			2563	1087	NDR	Nav Header missing.
21:25			2649	1001	EOL	LGSP
	51	0/2	2650		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		