



ORIGINAL NAME

LINE –7093BBR01T157

AREA: Barreirinhas

CLIENT: Exploration Services/TGS Nopec

NEW NAME

**LINE: 0258-5093**

**AREA: 0258-2D\_SPEC\_BM\_BAR**

**CLIENT: TGS-Nopec.**

# ACQUISITION REPORT Sequence-0157

**Survey:**

Client Exploration Services  
 Area Para-Maranhao  
 Vessel GECO\_TAU  
 JobNumber 7443B  
 Survey Type 2D

**Sequence:**

Linename 7093BBR1T157  
 Preplot 7093BBR  
 Direction 6.0°  
 SOL Date 22:28:19utc 22-Mar-2001  
 EOL Date 05:57:23utc 23-Mar-2001

**Attributes:**

Wind Force 4.0 [knots] Dir NE  
 Swell Height 1.5 [meters] Dir NE  
 Propellor rpm [avg]  
 Propellor pitch 51 [avg]

	SOL	EOL	
Waterdepth	23.0	3545.0	[meters]
Bottomspeed	5.5	5.5	[knots]
Featherangle	port -15.9	port -19.6	[deg]
Cable noise	33.0	4.77	[μBar rms]
Lowcut filter	3	3	[hz]
Filter slope	18	18	[dB]
Streamer	7.0	7.0	
Depth			

**Production**

	Shotpoint	File	Time [utc]
SOL Noise Record(s)		2800 - 2801	
SOL Dummy Record(s)	2802 - 2811	2802 - 2811	22:26:08 - 22:28:05
FSP Start of Line	2812	2812	22:28:19
MSP	3236	3236	23:59:52
LSP End of Line	4881	4881	05:57:23
EOL Dummy Record(s)	4882 - 4891	4882 - 4891	05:57:35 - 05:59:32
EOL Noise Record(s)		4892 - 4893	

**Line-segments:**

SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
2812 - 4881	2812 - 4881	22:28:19-05:57:23	Prime	1	Valid	

**Remarks:**

Navigation

Recording QC

Cable bent at SOL noise test. From Sp 3227 bird # 7 shallow depth range from 3.9 - 6 m.

**Tape-list**

Shot(s)	Files	Stream 2 DeckReel	Remark
2800 - 4682	2800 - 4682	1 281	
4683 - 4893	4683 - 4893	2 282	
Shot(s)	Files	Stream 4 DeckReel	Remark
2800 - 4685	2800 - 4685	3 1285	
4686 - 4893	4686 - 4893	4 1286	
Shot(s)	Files	Stream 1001 DeckReel	Remark
738 - 1172	738 - 1172	1001 2	

**Seismic Data Annotations****NTBP**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
2800-4893		69-70	Killed traces	
2961		ALL	Missing File	File not recorded by recording system
2971	2971	ALL	Bad shot	Early fire of guns
2972		ALL	Missing File	File not recorded by recording system
2985		ALL	Missing File	File not recorded by recording system
2987		ALL	Missing File	File not recorded by recording system
3010	3010	ALL	Gun timing error	Gun 1-2 error (ms) : -2.20
3070	3070	ALL	Gun timing error	Gun 1-2 error (ms) : -2.80
3106	3106	ALL	Bad shot	Early source fire
3107		ALL	Missing File	File not recorded by recording system
3123		ALL	Missing File	File not recorded by recording system
3139	3139	ALL	Bad shot	Early source fire
3140		ALL	Missing File	File not recorded by recording system
3774		ALL	Missing File	File not recorded by recording system
3777	3777	ALL	Gun timing error	Gun 4-1 error (ms) : 2.30
4020	4020	ALL	Gun timing error	Gun 2-1 error (ms) : 2.40
4057		ALL	Missing File	File not recorded by recording system
4066		ALL	Missing File	File not recorded by recording system
4182-4272	4182-4272	1-24	Cross current noise	Edit traces due to high current noise
4187-4275	4187-4275	24-40	Cross current noise	Edit traces due to high current noise
4194-4282	4194-4282	40-55	Cross current noise	Edit traces due to high current noise
4206-4289	4206-4289	55-68	Cross current noise	Edit traces due to high current noise
4226-4293	4226-4293	71-91	Cross current noise	Edit traces due to high current noise
4240-4315	4240-4315	91-118	Cross current noise	Edit traces due to high current noise
4247		ALL	Missing File	File not recorded by recording system
4263-4328	4263-4328	119-140	Cross current noise	Edit traces due to high current noise
4278-4334	4278-4334	141-165	Cross current noise	Edit traces due to high current noise
4293-4359	4293-4359	166-192	Cross current noise	Edit traces due to high current noise
4315-4366	4315-4366	193-213	Cross current noise	Edit traces due to high current noise
4329-4372	4329-4372	214-232	Cross current noise	Edit traces due to high current noise
4342-4380	4342-4380	233-248	Cross current noise	Edit traces due to high current noise
4374	4374	ALL	Gun timing error	Gun 2-1 error (ms) : 2.30

**Warning**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
2800-4893		73, 94, 118, 136, 193, 197, 214	Weak traces	6.0dB down
2812	2812	240-320	Noise	Noise at tail of bent cable, 100-300 $\mu$ Bar
2840	2840	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
2855	2855	240-320	Noise	Noise gone
2867	2867	ALL	Gun timing error	Gun 2-1 error (ms) : 1.70
3017	3017	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
3066-3069	3066-3069	ALL	Manifold pressure low	Subarray 5 below 1800 psi
3070	3070	ALL	Gun timing error	Gun 6-2 error (ms) : -2.00
3072	3072	ALL	Gun timing error	Gun 6-2 error (ms) : -1.90
3074	3074	ALL	Gun timing error	Gun 1-2 error (ms) : -1.90
3162	3162	ALL	Gun timing error	Gun 5-1 error (ms) : -1.80
3162	3162	ALL	Gun timing error	Gun 6-2 error (ms) : 1.60
3164	3164	ALL	Gun timing error	Gun 6-2 error (ms) : 1.70
3179	3179	ALL	Gun timing error	Gun 2-1 error (ms) : 1.90
3227-3244	3227-3244	52-55	Bird depth out of spec	Bird C1-7, depth range 3.9-4.9m
3245-3252	3245-3252	52-55	Bird depth out of spec	Bird C1-7, depth range 4.9-5.3 m
3253-3264	3253-3264	52-55	Bird depth out of spec	Bird C1-7, depth range 3.9 - 4.9 m
3261-3272	3261-3272	64-67	Bird depth out of spec	Bird C1-8, depth range 4.7-5.4 m
3265-OPEN	3265-OPEN	52-55	Bird depth out of spec	Bird C1-7, depth range 5 - 6.5 m

3367	3367	ALL	Gun timing error	Gun 1-2 error (ms) : -1.60
3394	3394	ALL	Gun timing error	Gun 2-1 error (ms) : 1.70
3507	3507	ALL	Gun timing error	Gun 2-2 error (ms) : -1.60
3602	3602	ALL	Gun timing error	Gun 2-2 error (ms) : -1.70
3702	3702	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
3821	3821	ALL	Gun timing error	Gun 4-1 error (ms) : 1.60
3834	3834	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
3868	3868	ALL	Gun timing error	Gun 4-1 error (ms) : -1.80
3871	3871	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
3951	3951	ALL	Gun timing error	Gun 4-1 error (ms) : 1.60
4000	4000	ALL	Gun timing error	Gun 6-2 error (ms) : -1.60
4074	4074	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
4146	4146	ALL	Gun timing error	Gun 2-1 error (ms) : 1.90
4183	4183	ALL	Gun timing error	Gun 4-1 error (ms) : -1.80
4399	4399	ALL	Gun timing error	Gun 4-1 error (ms) : 2.00
4406	4406	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
4437	4437	ALL	Gun timing error	Gun 3-1 error (ms) : -1.80
4478	4478	ALL	Gun timing error	Gun 1-2 error (ms) : -1.60
4511	4511	ALL	Gun timing error	Gun 2-2 error (ms) : -1.70
4593	4593	ALL	Gun timing error	Gun 2-1 error (ms) : 1.90
4699	4699	ALL	Gun timing error	Gun 2-2 error (ms) : -1.80
4725	4725	ALL	Gun timing error	Gun 2-1 error (ms) : 1.70
4804	4804	ALL	Gun timing error	Gun 3-1 error (ms) : -1.90
4808	4808	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
4841	4841	ALL	Gun timing error	Gun 4-1 error (ms) : 1.70

## Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
2812	2812	ALL	Gun disabled	Spare guns, Source volume at shot 2812 : 7918 cu.in.
3069	3069	ALL	Array disabled	Array # 5, spares ON, Source volume at shot 3069 : 7118 cu.in.
3160-4882	3160-4882	ALL	Array enabled	Array # 5, spares OFF, Source volume at shot 3160 : 7918 cu.in.

### List of used abbreviations:

SOL/EOL	Start/End of line.
FSP/LSP	First/Last shotpoint of the line.
FCSP/LCSP	First/Last chargeable shotpoint
MSP	Midnight (last) shotpoint of the day
FGSP/LGSP	First/Last Good Shotpoint
FOSP/LOSP	First/Last Overlap Shotpoint
FSP/LSP R/O	First/Last Shotpoint Runout

Deg	Degrees: e[0,360]
rev	Revolutions
utc	Universal Time Coordinated
SPs	Shotpoints
CMPs	Common midpoints
NTBP	Not to be processed
SI	Seismic interference