



ORIGINAL NAME

LINE –7069BBR01T163

AREA: Barreirinhas

CLIENT: Exploration Services/TGS Nopec

NEW NAME

**LINE: 0258-5069**

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

**CLIENT: TGS-Nopec.**

# ACQUISITION REPORT Sequence-0163

**Survey:**

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

**Sequence:**

Linename 7069BBR1T163  
 Preplot 7069BBR  
 Direction 6.0°  
 SOL Date 08:53:30utc 25-Mar-2001  
 EOL Date 16:28:08utc 25-Mar-2001

**Attributes:**

Wind Force 12.0 [knots] Dir ENE  
 Swell Height 1.5 [meters] Dir ENE  
 Propellor rpm [avg]  
 Propellor pitch 45 [avg]

	<b>SOL</b>	<b>EOL</b>	
Waterdepth	25.0	3539.0	[meters]
Bottomspeed	5.7	5.35	[knots]
Featherangle	sb +5.0	port -19.1	[deg]
Cable noise	5.2	4.86	[μBar rms]
Lowcut filter	3	3	[hz]
Filter slope	18	18	[dB]
Streamer	7.0	9.0	
Depth			

**Production**

	Shotpoint	File	Time [utc]
SOL Noise Record(s)		2800 - 2801	
SOL Dummy Record(s)	2802 - 2811	2802 - 2811	08:51:22 - 08:53:18
FSP Start of Line	2812	2812	08:53:30
MSP			
LSP End of Line	4880	4880	16:28:08
EOL Dummy Record(s)	4881 - 4890	4881 - 4890	16:28:22 - 16:30:24
EOL Noise Record(s)		4891 - 4892	

**Line-segments:**

SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
2812 - 4880	2812 - 4880	08:53:30-16:28:08	Prime	1	Valid	

**Remarks:**

Navigation  
 Recording QC

**Tape-list**

Shot(s)	Files	Stream 2 DeckReel	Remark
2800 - 4680	2800 - 4680	1 293	
4681 - 4892	4681 - 4892	2 294	
Shot(s)	Files	Stream 4 DeckReel	Remark
2800 - 4687	2800 - 4687	3 1297	
4688 - 4892	4688 - 4892	4 1298	
Shot(s)	Files	Stream 1001 DeckReel	Remark
1249 - 1720	1249 - 1720	1001 3	

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

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
2812	2812	ALL	Gun timing error	Gun 4-1 error (ms) : 2.80
2816		ALL	Missing File	File not recorded by recording system
2835		ALL	Missing File	File not recorded by recording system
2857		ALL	Missing File	File not recorded by recording system
2967		ALL	Missing File	File not recorded by recording system
2971	2971	ALL	Early closure	Bad shot due to early closure
2972		ALL	Missing File	File not recorded by recording system
3084		ALL	Missing File	File not recorded by recording system
3106		ALL	Missing File	File not recorded by recording system
3109		ALL	Missing File	File not recorded by recording system
3200		ALL	Missing File	File not recorded by recording system
3209		ALL	Missing File	File not recorded by recording system
3215	3215	ALL	Gun timing error	Gun 4-1 error (ms) : 2.70
3250	3250	ALL	Gun timing error	Gun 4-1 error (ms) : 2.70
3295	3295	ALL	Gun timing error	Gun 4-1 error (ms) : 2.20
3351		ALL	Missing File	File not recorded by recording system
3353		ALL	Missing File	File not recorded by recording system
3378	3378	ALL	Gun timing error	Gun 4-1 error (ms) : 2.50
3482	3482	ALL	Gun timing error	Gun 1-2 error (ms) : -2.10
3639	3639	ALL	Gun timing error	Gun 4-1 error (ms) : 2.10
3691	3691	ALL	Gun timing error	Gun 3-1 error (ms) : -2.10
3778	3778	ALL	Gun timing error	Gun 4-1 error (ms) : 2.40
3837	3837	ALL	Gun timing error	Gun 4-1 error (ms) : 2.30
3847	3847	ALL	Gun timing error	Gun 2-1 error (ms) : 3.60
3850	3850	ALL	Gun timing error	Gun 2-1 error (ms) : -10.20
3853	3853	ALL	Gun timing error	Gun 2-1 error (ms) : 6.10
3901		ALL	Missing File	File not recorded by recording system
3907		ALL	Missing File	File not recorded by recording system
3922	3922	ALL	Gun sub-array1 not fired	Misfire
3947	3947	ALL	Gun timing error	Gun 4-1 error (ms) : 2.50
3963	3963	ALL	Gun timing error	Gun 2-2 error (ms) : 6.30
4143	4143	ALL	Gun timing error	Gun 2-1 error (ms) : -2.70
4394	4394	ALL	Gun timing error	Gun 4-1 error (ms) : 2.10
4491	4491	ALL	Gun timing error	Gun 4-1 error (ms) : 2.50
4525		ALL	Missing File	File not recorded by recording system

**Warning**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
ALL	ALL-	73, 118, 193	Weak traces	6.0dB down
2867	2867	ALL	Gun timing error	Gun 2-1 error (ms) : 2.00
2879	2879	ALL	Gun timing error	Gun 3-1 error (ms) : -1.70
2882	2882	ALL	Gun timing error	Gun 4-1 error (ms) : 1.90
2940	2940	ALL	Gun timing error	Gun 4-1 error (ms) : 1.70
2940	2940	ALL	Gun timing error	Gun 6-5 error (ms) : -1.80
2969	2969	ALL	Gun timing error	Gun 3-1 error (ms) : -1.70
2985	2985	ALL	Gun timing error	Gun 4-1 error (ms) : 1.60
2986	2986	ALL	Gun timing error	Gun 4-1 error (ms) : 1.70
3082	3082	ALL	Gun timing error	Gun 1-2 error (ms) : -1.90
3220	3220	ALL	Gun timing error	Gun 1-2 error (ms) : -1.80
3245	3245	ALL	Gun timing error	Gun 1-2 error (ms) : -1.70
3247	3247	ALL	Gun timing error	Gun 1-2 error (ms) : -1.90
3258	3258	ALL	Gun timing error	Gun 1-2 error (ms) : -1.70
3259	3259	ALL	Gun timing error	Gun 4-1 error (ms) : 1.70
3261	3261	ALL	Gun timing error	Gun 1-2 error (ms) : -1.80
3261	3261	ALL	Gun timing error	Gun 4-1 error (ms) : 1.60
3329	3329	ALL	Gun timing error	Gun 3-1 error (ms) : 1.60

3353		ALL	Gun timing error	Gun 3-1 error (ms) : -1.70
3369	3369	ALL	Gun timing error	Gun 1-2 error (ms) : -1.80
3391	3391	ALL	Gun timing error	Gun 4-1 error (ms) : 1.70
3407	3407	ALL	Gun timing error	Gun 1-2 error (ms) : -1.60
3411	3411	ALL	Gun timing error	Gun 1-2 error (ms) : -1.70
3411	3411	ALL	Gun timing error	Gun 5-1 error (ms) : 1.60
3420	3420	ALL	Gun timing error	Gun 1-2 error (ms) : -1.70
3452	3452	ALL	Gun timing error	Gun 4-1 error (ms) : 1.90
3500	3500	ALL	Gun timing error	Gun 4-1 error (ms) : 1.90
3533	3533	ALL	Gun timing error	Gun 1-2 error (ms) : -1.70
3644	3644	ALL	Gun timing error	Gun 3-1 error (ms) : -1.90
3652	3652	ALL	Gun timing error	Gun 4-1 error (ms) : 1.70
3691	3691	ALL	Gun timing error	Gun 4-1 error (ms) : 1.70
3713	3713	ALL	Gun timing error	Gun 4-1 error (ms) : 1.90
3737	3737	ALL	Gun timing error	Gun 4-1 error (ms) : 1.80
3767	3767	ALL	Gun timing error	Gun 4-1 error (ms) : 1.70
3772	3772	ALL	Gun timing error	Gun 4-1 error (ms) : 1.90
3776	3776	ALL	Gun timing error	Gun 2-1 error (ms) : 1.90
3809	3809	ALL	Gun timing error	Gun 4-1 error (ms) : 1.70
3818	3818	ALL	Gun timing error	Gun 3-1 error (ms) : 2.00
3824	3824	ALL	Gun timing error	Gun 4-1 error (ms) : 2.00
3828	3828	ALL	Gun timing error	Gun 2-2 error (ms) : -1.70
3834	3834	ALL	Gun timing error	Gun 4-1 error (ms) : 2.00
3873	3873	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
3882	3882	ALL	Gun timing error	Gun 1-2 error (ms) : -1.60
3885	3885	ALL	Gun timing error	Gun 6-2 error (ms) : -1.80
3886	3886	ALL	Gun timing error	Gun 6-2 error (ms) : -2.00
3887	3887	ALL	Gun timing error	Gun 6-2 error (ms) : -1.60
3925	3925	ALL	Gun timing error	Gun 4-1 error (ms) : 1.80
3965	3965	ALL	Gun timing error	Gun 6-2 error (ms) : 1.60
3966	3966	ALL	Gun timing error	Gun 1-2 error (ms) : 1.80
3966	3966	ALL	Gun timing error	Gun 6-2 error (ms) : 1.60
3967	3967	ALL	Gun timing error	Gun 3-1 error (ms) : -1.70
3992	3992	ALL	Gun timing error	Gun 4-1 error (ms) : 1.80
4052	4052	ALL	Gun timing error	Gun 3-1 error (ms) : -1.60
4080	4080	ALL	Current Noise	Affecting channels 1-50, RMS up to 400 $\mu$ B
4095	4095	ALL	Gun timing error	Gun 4-1 error (ms) : 1.90
4115	4115	ALL	Current Noise	Affecting channels 20-90, RMS up to 200 $\mu$ B
4130	4130	ALL	Current Noise	Hitting a second current band, up to 400 $\mu$ B on chs1-20, 200 $\mu$ B on chs 60-100.
4150	4150	ALL	Current Noise	Affecting chs. 20-60 (250 $\mu$ B) and 80-120 (200 $\mu$ B)
4158	4158	ALL	Gun timing error	Gun 2-1 error (ms) : -1.60
4159	4159	ALL	Gun timing error	Gun 2-1 error (ms) : -1.60
4180	4180	ALL	Current Noise	Affecting chs. 60-100 and 120-160, with levels of 150-200 $\mu$ B
4220	4220	ALL	Current Noise	Affecting chs. 120-160 and 180-220, with levels of 100-200 $\mu$ B
4275	4275	ALL	Current Noise	Affecting chs. 200-240 and 270-300, with levels of 100-200 $\mu$ B
4276	4276	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
4302	4302	ALL	Gun timing error	Gun 4-1 error (ms) : 1.70
4310	4310	ALL	Current Noise	Affecting chs. 240-280 with levels of 100-200 $\mu$ B
4317	4317	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
4350	4350	ALL	Current Noise	Current noise no longer seen.
4357	4357	ALL	Gun timing error	Gun 1-2 error (ms) : -1.90
4363	4363	ALL	Gun timing error	Gun 2-1 error (ms) : 2.00
4370	4370	179	Object striking cable	Starting approximately trace 179 and moving back slowly.

4396	4396	ALL	Gun timing error	Gun 2-1 error (ms) : 1.90
4398	4398	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
4399	4399	ALL	Gun timing error	Gun 6-2 error (ms) : -1.90
4400	4400	202	Object striking cable	Moving slowly back along cable.
4430	4430	ALL	Gun timing error	Gun 4-1 error (ms) : 1.70
4490	4490	ALL	Gun timing error	Gun 4-1 error (ms) : 2.00
4507	4507	ALL	Gun timing error	Gun 4-1 error (ms) : 1.60
4534	4534	ALL	Gun timing error	Gun 2-1 error (ms) : 1.80
4554	4554	ALL	Gun timing error	Gun 1-2 error (ms) : -1.70
4580	4580	140	Object striking cable	Starting approximately trace 140 and moving back slowly.
4595	4595	ALL	Gun timing error	Gun 2-3 error (ms) : 1.70
4684	4684	ALL	Gun timing error	Gun 2-1 error (ms) : 1.70
4686	4686	ALL	Gun timing error	Gun 2-2 error (ms) : -1.60
4711	4711	ALL	Gun timing error	Gun 2-1 error (ms) : 2.00
4775	4775	ALL	Gun timing error	Gun 1-2 error (ms) : -1.70
4811	4811	ALL	Gun timing error	Gun 6-5 error (ms) : -1.60
4831	4831	ALL	Gun timing error	Gun 5-4 error (ms) : 1.70

## Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
2812	2812	ALL	Spare guns disabled	Gun 1-1 & 6-1 Source volume at shot 2812 : 7918 cu.in.
3442-OPEN	3442-OPEN	ALL	Streamer Depth Change	Cable depth set to 9 m. due to increasing swell noise
3881	3881	ALL	Gun disabled	Gun 2-1. spare 1-1 enabled new vol 7758 cu.in.
3884	3884	ALL	Gun sub-array disabled	Array 2 disabled spare 6-1 enabled new vol 7118 cu in
3963-4881	3963-4881	ALL	Guns enabled/disabled	Gun array 2 enabled spares disabled vol : 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