

030

PCP-FAS-09R030

REF # 104741

OBSERVERS

OBSERVERS LOG

LINE	0009R030
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: R/V Geo Arctic : PanCanadian Petr. Lmt.(PCP) : Block # VIC/P48&VIC/P49 : 34867		: 03:34 04:39 : 2666 3034 : 2666 3034 : 33 33		
: 0009R030 : 30 : 179.8 : 0501.02				
Gun Pressure at SOL 1992 psi Array Volume SOL 3660 cu in		Pressure EOL 1957 psi Array Vol EOL 3660 cu in		
Offset Shots: Gun 2-5 146 m		Gun 3-6 149 m		
Safonov Victor Bekezin Andrey (00:00-12:00)		Shendrik Vladimir Usov Vladimir (12:00-24:00)		
		SOL WIND : 8 m/s WIND DIRECTION : 270 deg SEA STATE : 4 SEA DIRECTION : 255 deg CABLE DEPTH : 8 m AVER.NOISE : 5.8 uB(4Hz) AVER.NOISE : 2.9 uB(8Hz) DEPTH : 2214 m EOL WIND : 8 m/s WIND DIRECTION : 270 deg SEA STATE : 4 AVER.NOISE : 2.2 uB(8Hz) AVER.NOISE : 3.3 uB(4Hz) DEPTH : 2010 m SOURCE DEPTH : 6 m		

mv Geo Arctic

0009R030							
GMT	TAPE	DRIVE	FILE	SHOT	Water depth(m)	F/A (deg)	COMMENTS
	33	00	91				WB Gun#2-5
			92				WB Gun#3-5
			93				Noise
03:33			2660	2660			SOL FSP SP#2664: G#3.8 not found.
03:34	33	00	2666	2666	2214	7.7	FCSP
03:40			2700	2700	2174	8.3	G#2.2 many "not found" alarms -gun believed to working correctly.
03:48			2740	2740	2182	8.8	SP#2686,2740,2749,2756,2818,2917,2927: G#3.8 not found.
03:55			2780	2780	2170	9.0	
04:02			2820	2820	2166	8.9	SP#2838,2860:G4.2 time error 1.13-1.25 ms.
04:09			2860	2860	2131	8.8	
04:16			2900	2900	2088	8.5	
04:18			2914	2914	2075	8.4	LCSP
04:23			2940	2940	2060	8.1	SP#2953,2974,2980,3018: G#3.8 not found.
04:30			2980	2980	2032	7.4	SP#3000: G#4.2 t. err.(1.5ms).
04:39			3034	3034	2010	6.7	LSP
04:40			3037	3037			LdSP
	33	00	3038				Noise.

05 01 2002 04:41

I/O MSX SYSTEM OBSERVER LOG

Fri Jan 4 22:50:49 2002

LINE INFORMATION

<i>Client</i>	PanCanadian Pet.Lim.
<i>Prospect</i>	2001 MIDAS 2D SURVEY
<i>Line Name</i>	0009R030
<i>Crew/Party</i>	
<i>Operators</i>	AMIGE
<i>Weather</i>	As Obs. Log
<i>Seas</i>	As Obs. Log
<i>Heading</i>	179.8 deg
<i>Vessel</i>	R/V Geo Arctic
<i>Job Name</i>	34867

IO MSX SYSTEM OBSERVER LOG

CLIENT: PanCanadian Pet.Lim.

PROSPECT: 2001 MIDAS 2D SURVEY

SHOT	FILE	REEL	TU	FSID	DATE & TIME	EXCEPTION	COMMENT
0	91	33	00	0000 00000	Jan 05, 2002 - 03:21:44	UHTO; NF#; DSP; NFSID; BOR;	WB Gun#2.5
0	92	33	00	0000 00000	Jan 05, 2002 - 03:22:56	UHTO; DSP; NFSID;	WB Gun#3.6
0	93	33	00	0000 00000	Jan 05, 2002 - 03:25:46	UHTO; DSP; NFSID; ITB;	Noise
2660	2660	33	00	2005 34631	Jan 05, 2002 - 03:33:50	BOL; NF#; NSP; NFSID;	FSP
2666	2666	33	00	2005 34637	Jan 05, 2002 - 03:34:52		FCSP
2914	2914	33	00	2005 34885	Jan 05, 2002 - 04:18:52		LCSP
3034	3034	33	00	2005 35005	Jan 05, 2002 - 04:39:30		LSP
3037	3037	33	00	2005 35008	Jan 05, 2002 - 04:40:00		LdSP
0	3038	33	00	0000 00000	Jan 05, 2002 - 04:40:34	EOL; UHTO; NSP; NFSID; ITB;	Noise

EXCEPTION ABBREVIATION LIST

MNEMONIC	DESCRIPTION
BOL	Beginning of Line
BOR	Beginning of Reel
BYP	Tape is in Bypass Mode
COR1	Corrected Errors on Primary Tape Unit
COR2	Corrected Errors on Secondary Tape Unit
DF#	Duplicate File Number
DSP	Duplicate Shot Point
ETBK	Early Timebreak
EOL	End of Line
EHTO	Energy Source System header is not received within time limit
FAIL	Recording Failed
GAP1	Gap Errors on Primary Tape Unit
GAP2	Gap Errors on Secondary Tape Unit
GSTO	Gun signature dat is not received within time limit
ITB	Internal Timebreak
MOL	Middle of Line
NHTO	Nav System header is not received within time limit
NFSID	Non-sequential FSID
NSP	Non-sequential Shot Point
NF#	Non-sequential or Skipped File
PBK	Playback file
RET1	Primary Tape Unit Retries
RET2	Secondary Tape Unit Retries
TE1-16	Telemetry error count
UHTO	Pre-built user header is not received within time limit

I/O MSX SYSTEM REEL LOG

Fri Jan 4 22:51:07 2002

LINE INFORMATION

<i>Client</i>	PanCanadien Pet.Lim.
<i>Prospect</i>	2001 MIDAS 2D SURVEY
<i>Line Name</i>	0009R030
<i>Crew/Party</i>	
<i>Operators</i>	AMIGE
<i>Weather</i>	As Obs. Log
<i>Seas</i>	As Obs. Log
<i>Heading</i>	179.8 deg
<i>Vessel</i>	R/V Geo Arctic
<i>Job Name</i>	34867

CLIENT: PanCanadien Pet.Lim. PROSPECT: 2001 MIDAS 2D SURVEY

I/O MSX SYSTEM REEL LOG

Fri Jan 4 22:51:07 2002

REEL NUMBER	TAPE UNIT	FILE COUNT	FIRST FILE LAST FILE	FIRST SP LAST SP	FIRST FSID LAST FSID	START DATE & TIME END DATE & TIME
33	00	382	91 3038	0 0	0000 00000 0000 00000	Jan 05, 2002 - 03:21:44 Jan 05, 2002 - 04:40:34

PC01-0009r030

Reel # 33 Date 05.01.02 Seq # 30

FSP 2660 LSP 3037 FFFID 2660 LFFID 3037
FGSP 2666 LGSP 3034 FGFFID 2666 LGFFID 3034

Water Break - Channel Set 2

SOL SP: 2666 Offset: 152 ms 149 m
EOL SP: 3034 Offset: 152 ms 149 m

NearPhones - Channel Sets 3-18

Aux Chan	Comment	Aux Chan	Comment
3	Good	11	Good
4	Good	12	Good
5	Good	13	Good
6	Good	14	Good
7	Good	15	Good
8	Good	16	Good
9	Good	17	Good
10	Good	18	Good

Bad/Noisy channels:

Bad Shots:

Lost Shots:

Environmental Noise

Bird / retriever noise

(Amplitude Plots / NearTrace Plot)

RMS Noise Analysis

Average noise per line

(in RMS time gate)

(Time Gate 2000-2500 ms)

LCF 2 Hz LCF 8 Hz

7.03 4.2

Channel Noise statistics (8 Hz):

	# of Chan.	%	Av.noise
Noise level exc. 35 uB:	0	0	
Noise level exc. 15 uB:	0	0	
Noise level exc. 10 uB:	0	0	

Brute Stack:

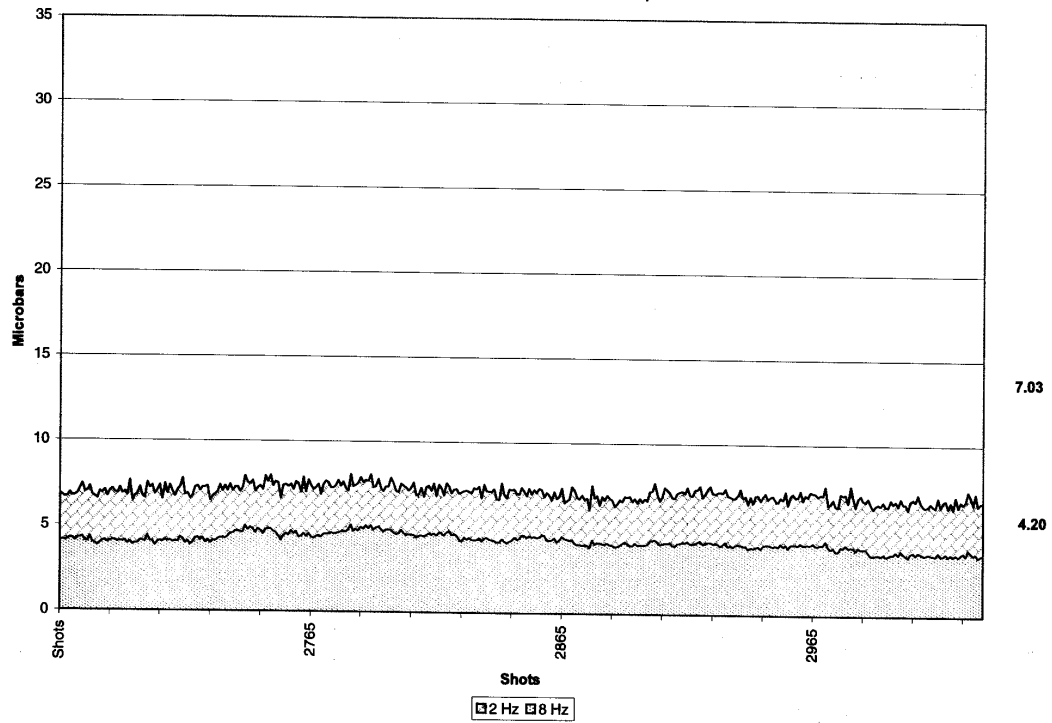
OK

Velocity Comments:

Additional Comments:

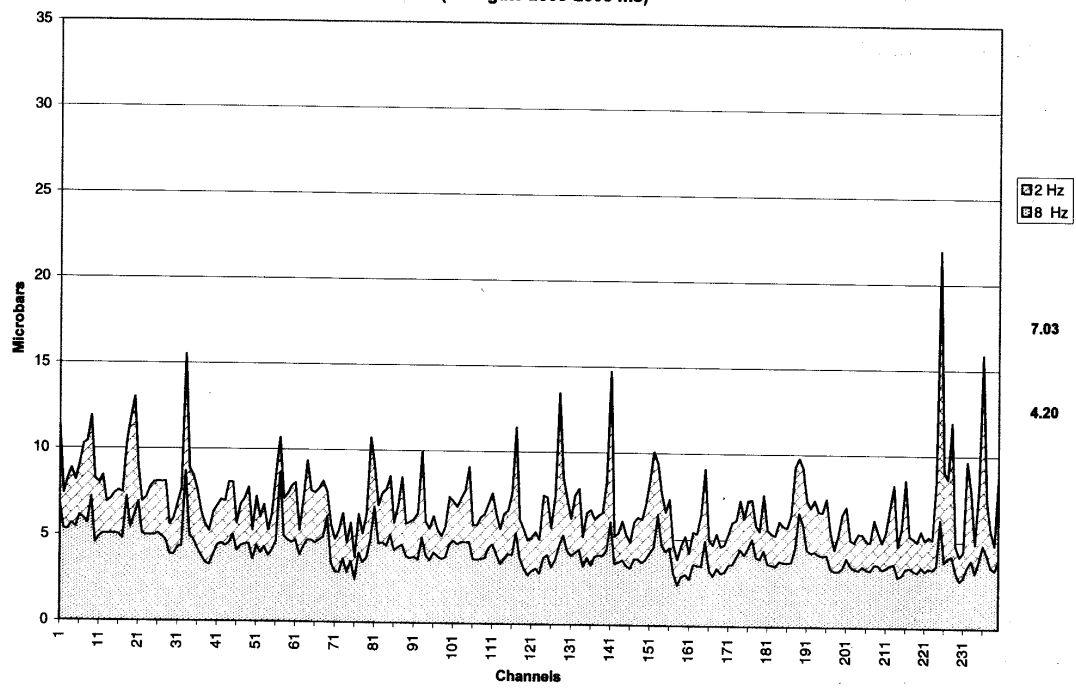
Multiples in analysis window increase noise level.

Line PC01-0009r030 Residual Shot Noise
(time gate 2000-2500 ms)



Shot RMS PC01-0009r030

Line PC01-0009r030 Residual Channel Noise
(time gate 2000-2500 ms)



Chan_RMS_PC01-09r030.xls

