

LINE NAME:

PCP-FAS-PC01017

REF:

104719

OBSERVERS

m/v Geo Arctic

OBSERVERS LOG

LINE	0017B008
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CLIENT : R/V Geo Arctic AREA : PanCanadian Petr. Lmt.(PCP) PROJECT : Block # VIC/P48&VIC/P49 PROJ# : 34867	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">06:51</td> <td style="width: 50%; text-align: center;">11:01</td> </tr> <tr> <td style="text-align: center;">1001</td> <td style="text-align: center;">2436</td> </tr> <tr> <td style="text-align: center;">1001</td> <td style="text-align: center;">2432</td> </tr> <tr> <td style="text-align: center;">10</td> <td style="text-align: center;">10</td> </tr> </table>	06:51	11:01	1001	2436	1001	2432	10	10																											
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24 12 2001 11:05

0017B008							
GMT	TAPE	DRIVE	FILE	SHOT	Water depth(m)	F/A (deg)	COMMENTS
	10	02	91				WB Gun#2-5
			92				WB Gun#3-5
			93				Noise
06:50			995	995			SOL FSP. DI#3 is inoperative.
06:51	10	02	1001	1001	2940	2.1	FCSP
06:58			1040	1040	2956	3.3	SP#1050;1140 - missed.
07:05			1079	1080	3096	4.5	
07:12			1119	1120	3214	5.0	
07:19			1158	1160	3198	4.9	
07:26			1198	1200	3138	5.2	
07:33			1238	1240	3196	6.0	
07:40			1278	1280	3207	6.9	
07:47			1318	1320	3188	8.4	
07:54			1358	1360	3198	9.3	
08:01			1398	1400	3210	10.0	
08:08			1438	1440	3236	11.1	
08:15			1478	1480	3222	11.4	
08:22			1518	1520	3223	12.3	
08:29			1558	1560	3207	12.1	
08:35			1598	1600	3192	11.7	
08:42			1638	1640	3116	11.2	
08:49			1678	1680	3062	10.8	
08:56			1717	1720	3046	10.5	SP#1700 missed.
09:03			1757	1760	3024	10.6	
09:10			1797	1800	2985	9.8	
09:17			1837	1840	2924	9.3	
09:24			1877	1880	2875	8.7	
09:31			1917	1920	2783	8.7	
09:39			1957	1960	2730	8.9	
09:46			1997	2000	2666	9.5	
09:53			2037	2040	2619	9.2	
10:00			2077	2080	2577	8.2	
10:07			2117	2120	2501	7.1	
10:14			2156	2160	2431	6.2	SP#2159 missed.
10:20			2196	2200	2374	5.4	
10:27			2236	2240	2329	4.6	
10:34			2276	2280	2308	4.0	
10:40			2312	2316	2293	4.4	LCSP
10:48			2356	2360	2237	4.6	
10:55			2396	2400	2169	5.0	
11:01			2432	2436	2136	4.9	EOL. LSP
11:02			2435	2439			LdSP
	10	02	2436				Noise

I/O MSX SYSTEM OBSERVER LOG

Mon Dec 24 05:06:44 2001

LINE INFORMATION

<i>Client</i>	PanCanadian Pet.Lim.
<i>Prospect</i>	2001 MIDAS 2D SURVEY
<i>Line Name</i>	0017B008
<i>Crew/Party</i>	
<i>Operators</i>	AMIGE
<i>Weather</i>	As Obs. Log
<i>Seas</i>	As Obs. Log
<i>Heading</i>	359.5 deg
<i>Vessel</i>	R/V Geo Arctic
<i>Job Name</i>	34867

1/O MSX SYSTEM OBSERVER LOG

CLIENT: PanCanadian Pet.Lim.

PROSPECT: 2001 MIDAS 2D SURVEY

SHOT	FILE	REEL	TU	FSID	DATE & TIME	EXCEPTION	COMMENT
0	91	10	02	0000 00000	Dec 24, 2001 - 06:32:42	UHTO; NF#; DSP; NFSID; BOR;	WB Gun# 2.5
0	92	10	02	0000 00000	Dec 24, 2001 - 06:34:28	UHTO; DSP; NFSID;	WB Gun# 3.6
0	93	10	02	0000 00000	Dec 24, 2001 - 06:37:18	UHTO; DSP; NFSID; ITB;	Noise
995	995	10	02	1358 08516	Dec 24, 2001 - 06:50:16	BOL; NF#; NSP; NFSID;	FSP
1001	1001	10	02	1358 08522	Dec 24, 2001 - 06:51:18		FCSP
1051	1050	10	02	1358 08572	Dec 24, 2001 - 07:00:04	NSP; NFSID;	SP#1050 missed.
1141	1139	10	02	1358 08662	Dec 24, 2001 - 07:15:36	NSP; NFSID;	SP#1140 missed.
1701	1698	10	02	1358 09222	Dec 24, 2001 - 08:53:14	NSP; NFSID;	SP#1700 missed.
2160	2156	10	02	1358 09681	Dec 24, 2001 - 10:13:44	NSP; NFSID;	SP#2159 missed.
2316	2312	10	02	1358 09837	Dec 24, 2001 - 10:40:54		LCSP
2436	2432	10	02	1358 09957	Dec 24, 2001 - 11:01:52		LSP
2439	2435	10	02	1358 09960	Dec 24, 2001 - 11:02:24		LdSP
0	2436	10	02	0000 00000	Dec 24, 2001 - 11:03:30	EOL; UHTO; NSP; NFSID; ITB;	Noise

I/O MSX SYSTEM REEL LOG

Mon Dec 24 05:07:01 2001

LINE INFORMATION

<i>Client</i>	PanCanadien Pet.Lim.
<i>Prospect</i>	2001 MIDAS 2D SURVEY
<i>Line Name</i>	0017B008
<i>Crew/Party</i>	
<i>Operators</i>	AMIGE
<i>Weather</i>	As Obs. Log
<i>Seas</i>	As Obs. Log
<i>Heading</i>	359.5 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

Mon Dec 24 05:07:01 2001

REEL NUMBER	TAPE UNIT	FILE COUNT	FIRST FILE LAST FILE	FIRST SP LAST SP	FIRST FSID LAST FSID	START DATE & TIME END DATE & TIME
10	02	1445	91 2436	0 0	0000 00000 0000 00000	Dec 24, 2001 - 06:32:42 Dec 24, 2001 - 11:03:30

PC01-0017b008

Reel # 10 Date 24.12.01 Seq # 8

FSP 995 LSP 2439 FFFID 995 LFFID 2435
 FGSP 1001 LGSP 2436 FGFFID 1001 LGFFID 2432

Water Break - Channel Set 2

SOL SP: 1001 Offset: 152 ms 149 m
 EOL SP: 2436 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:

1050, 1140, 1700, 2159

Environmental Noise

Bird / retriever noise

(Amplitude Plots / NearTrace Plot)

RMS Noise Analysis

Average noise per line

(Time Gate 1000-1500 ms)

LCF 2 Hz LCF 8 Hz

(in RMS time gate)

10.75 7.15

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:	7	2.9	10.9

Brute Stack:

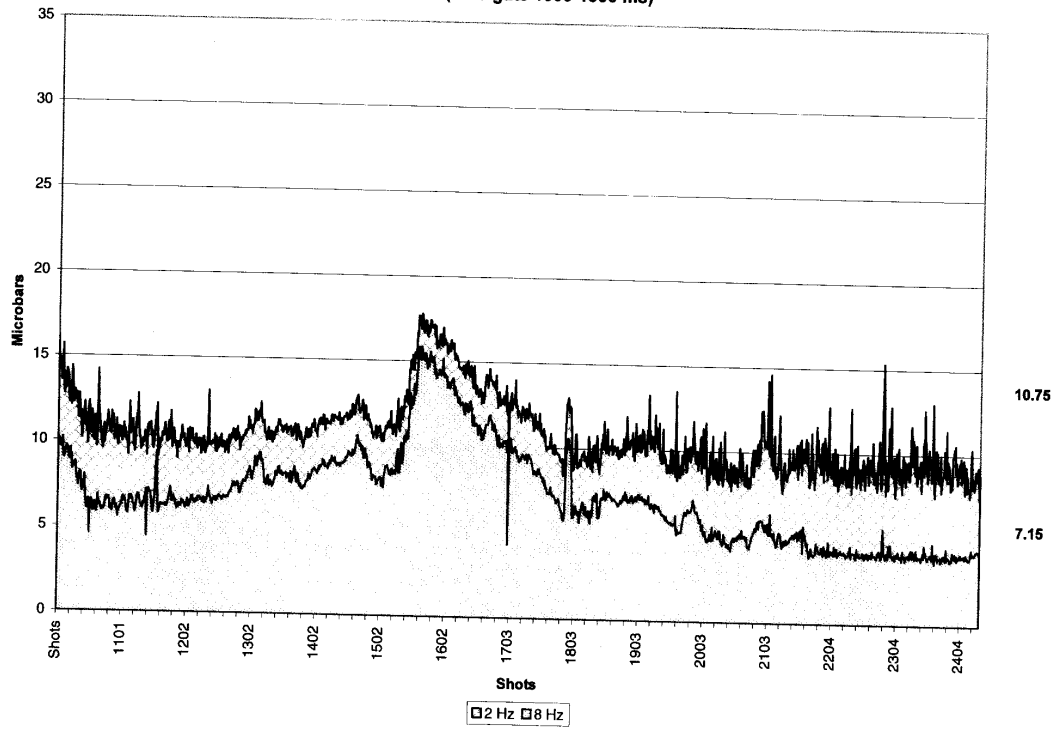
OK

Velocity Comments:

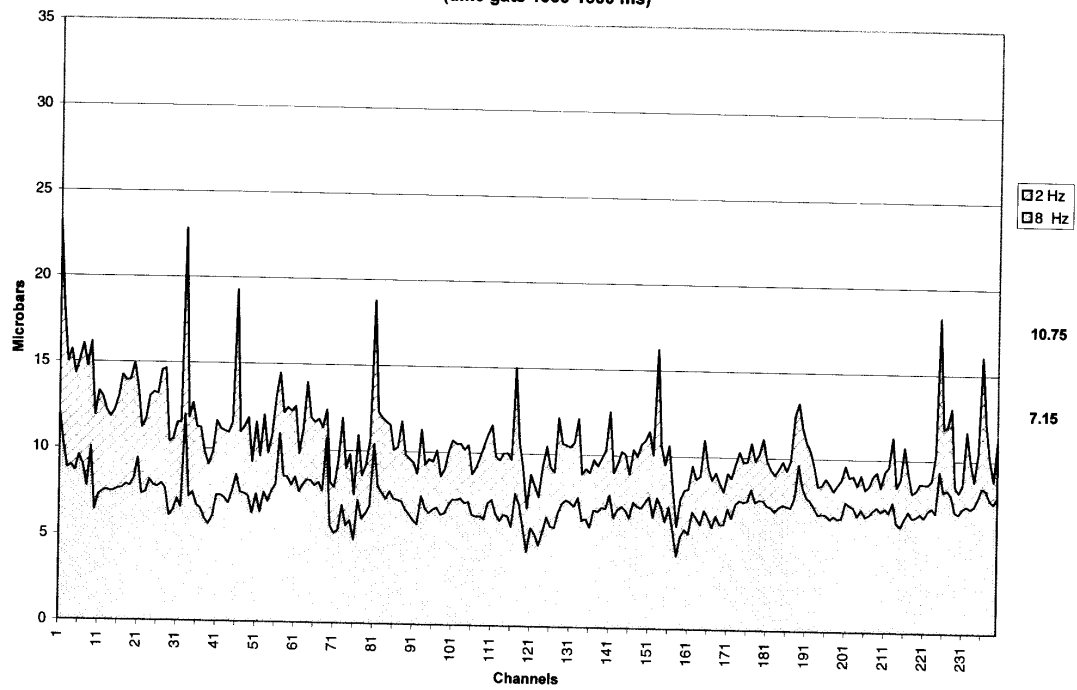
Additional Comments:

Multiples in analysis window increase noise level.

Line PC01-0017b008 Residual Shot Noise
(time gate 1000-1500 ms)



Line PC01-0017b008 Residual Channel Noise
(time gate 1000-1500 ms)



Chan_RMS_PC01-17b008.xls

