

LINE NAME:

PCP-FAS-PC01019

REF:

104717

OBSERVERS

OBSERVERS LOG

LINE	0019A006
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: R/V Geo Arctic : PanCanadian Petr. Lmt.(PCP) : Block # VIC/P48&VIC/P49 : 34867		: 19:22 22:05 : 1001 1927 : 1001 1926 : 8 8		
: 0019A006 : 6 : 195.6 : 23.12.01				
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		
Missed SP's:1142 SP#1443 bad(Gun#4.2 -250cu in- time error 2.25 ms) Frrom SP#1685 to SP#1927 feathering angle >7 deg				
Safonov Victor Bekezin Andrey (00:00-12:00)		Shendrik Vladimir Usov Vladimir (12:00-24:00)		
		SOL WIND : 10 m/s WIND DIRECTION : 225 deg SEA STATE : 5 SEA DIRECTION : 225 deg CABLE DEPTH : 8 m AVER.NOISE : 7.1 uB(4Hz) AVER.NOISE : 3.0 uB(8Hz) DEPTH : 2029 m EOL WIND : 6 m/s WIND DIRECTION : 290 deg SEA STATE : 3 SEA DIRECTION : 240 m/s AVER.NOISE : 2.4 uB(8Hz) AVER.NOISE : 4.7 uB(4Hz) DEPTH : 3374 m		
		SOURCE DEPTH : 6 m		

mv Geo Arctic

0019A006							
GMT	TAPE	DRIVE	FILE	SHOT	Water depth(m)	F/A (deg)	COMMENTS
	8	00	91				WB Gun#2-5
			92				WB Gun#3-6
			93				Noise
			995	995			SOL FSP
19:22	8	00	1001	1001	2029	1.0	FCSP
19:29			1040	1040	2062	2.0	
19:36			1080	1080	2096	2.5	
19:43			1120	1120	2133	1.9	
19:50			1159	1160	2160	1.1	SP#1142 missed(dlt vessel speed)
19:57			1199	1200	2200	0.5	
20:04			1239	1240	2237	-0.1	
20:11			1279	1280	2278	-0.2	
20:18			1319	1320	2319	-0.2	
20:25			1359	1360	2379	-0.7	
20:32			1399	1400	2426	-1.8	
20:39			1439	1440	2463	-2.8	SP#1443 bad(Gun#4.2 -250cu in- time error 2.25 ms)
20:46			1479	1480	2505	-3.7	
20:53			1519	1520	2554	-4.4	
21:00			1559	1560	2611	-5.1	
21:07			1599	1600	2678	-6.1	
21:14			1639	1640	2773	-6.5	
21:21			1679	1680	2888	-7.0	From SP#1685 feathering angle >7 deg
21:28			1719	1720	3016	-7.3	
21:35			1759	1760	3224	-7.6	
21:42			1799	1800	3284	-9.5	
21:43			1806	1807			LCSP
21:49			1839	1840	3558	-10.4	
21:57			1879	1880	3369	-11.8	
22:05	8	00	1926	1927	3374	-12.6	LSP
			1929	1930			EOL LdSP
			1930				noise

23 12 2001 22:13

I/O MSX SYSTEM OBSERVER LOG

Sun Dec 23 16:11:16 2001

LINE INFORMATION

<i>Client</i>	PanCanadien Pet.Lim.
<i>Prospect</i>	2001 MIDAS 2D SURVEY
<i>Line Name</i>	0019A006
<i>Crew/Party</i>	
<i>Operators</i>	AMIGE
<i>Weather</i>	As Obs. Log
<i>Seas</i>	As Obs. Log
<i>Heading</i>	195.6 deg
<i>Vessel</i>	R/V Geo Arctic
<i>Job Name</i>	34867

I/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	8	00	0000 00000	Dec 23, 2001 - 19:03:28	UHTO; NF#; DSP; NFSID; BOR;	WB Gun#2.5
0	92	8	00	0000 00000	Dec 23, 2001 - 19:04:24	UHTO; DSP; NFSID;	WB Gun#3.6
0	93	8	00	0000 00000	Dec 23, 2001 - 19:12:36	UHTO; DSP; NFSID; ITB;	noise
995	995	8	00	1357 07392	Dec 23, 2001 - 19:21:38	BOL; NF#; NSP; NFSID;	SOL FdSP
1001	1001	8	00	1357 07398	Dec 23, 2001 - 19:22:40		FCSP
1143	1142	8	00	1357 07540	Dec 23, 2001 - 19:47:20	NSP; NFSID;	SP#1142 missed d/t vessel speed
1807	1806	8	00	1357 08204	Dec 23, 2001 - 21:43:58		LCSP
1927	1926	8	00	1357 08324	Dec 23, 2001 - 22:05:10		LSP
1930	1929	8	00	1357 08327	Dec 23, 2001 - 22:05:40	EOL;	LdSP
0	1930	8	00	0000 00000	Dec 23, 2001 - 22:06:26	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

Sun Dec 23 16:11:22 2001

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<i>Prospect</i>	2001 MIDAS 2D SURVEY
<i>Line Name</i>	0019A006
<i>Crew/Party</i>	
<i>Operators</i>	AMIGE
<i>Weather</i>	As Obs. Log
<i>Seas</i>	As Obs. Log
<i>Heading</i>	195.6 deg
<i>Vessel</i>	R/V Geo Arctic
<i>Job Name</i>	34867

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

I/O MSX SYSTEM REEL LOG

Sun Dec 23 16:11:22 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
8	00	939	91 1930	0 0	0000 00000 0000 00000	Dec 23, 2001 - 19:03:28 Dec 23, 2001 - 22:06:26

PC01-0019a006

Reel # 8 Date 23.12.01 Seq # 005

FSP 995 LSP 1929 FFFID 995 LFFID 1930
FGSP 1001 LGSP 1926 FGFFID 1001 LGFFID 1927

Water Break - Channel Set 2

SOL SP: 1001 Offset: 152 ms 149 m
EOL SP: 1926 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:

1142

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)

8.72 5.39

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:	2	0.8	10.5

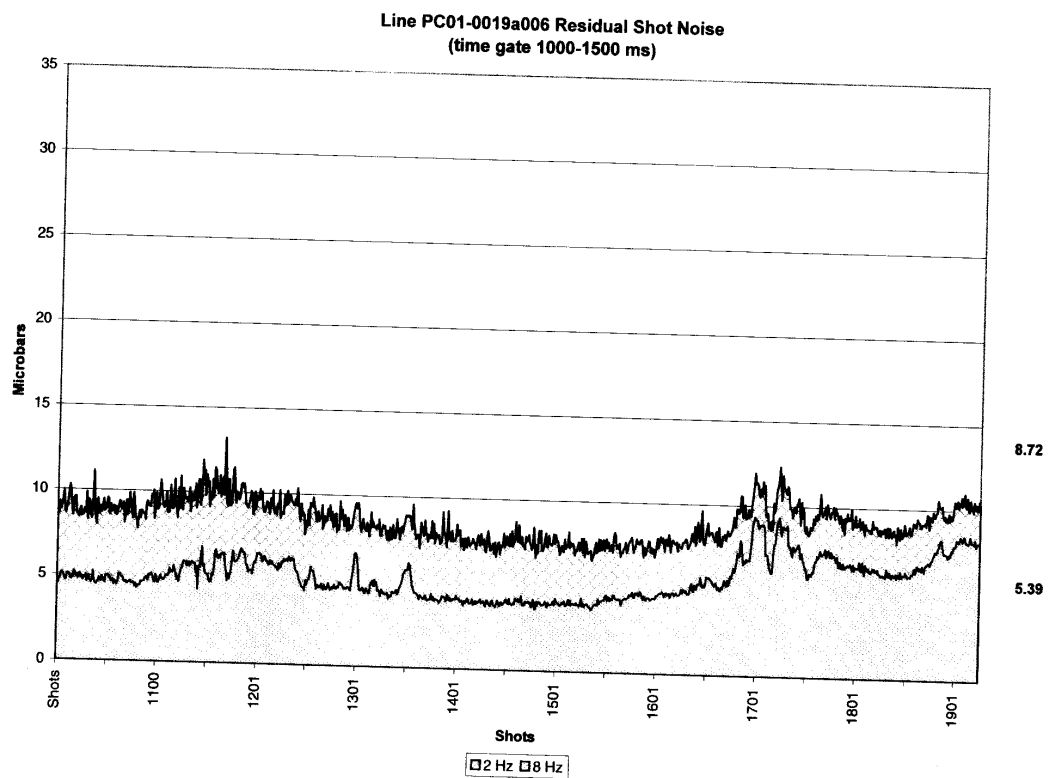
Brute Stack:

OK

Velocity Comments:

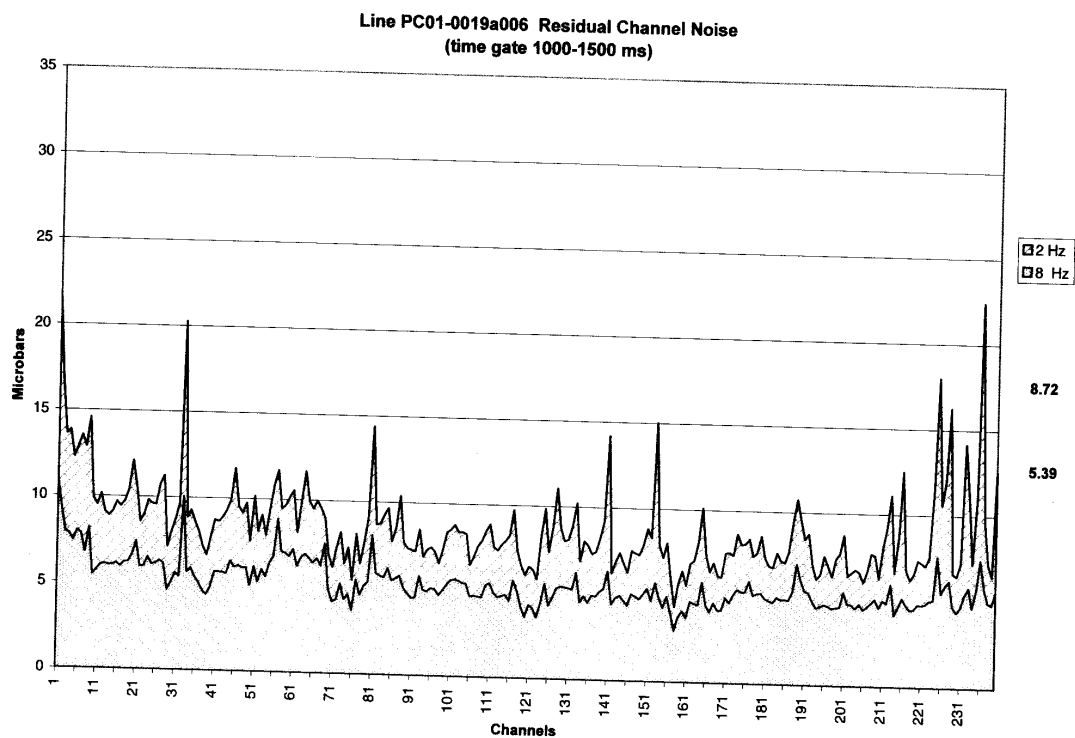
Additional Comments:

Multiples in analysis window increase noise level.



Shot_RMS_PC01-19a006.xls

24.12.01 11:08



Chan_RMS_PC01-19a006.xls

R/V 'Geo Arctic'

