

MARINE SEISMIC OBSERVER'S DATA		FOR PROSPECT PAGES <u>1</u> TO <u>3</u>
CLIENT TITAN 1000	PROSPECT I.S.P.G.	VESSEL M/V E.O. Vetter
LINE NO. ISPR 2A	ARE Beaufort Sea	DATE 02 DAY 27 YR 89
LINE ID. 30001	DIR N 219.3	SHIPMENT NO. 2972-ISP-89-01-01
DISTANCES: 		PARTY NO. 2972 PARTY MANAGER Wayne Noway
CNP TO STERN 35.1 M PRIMARY ANTENNA 1.1 M TO CNP FATHOMETER 1.7 M AFT OF PRIMARY ANTENNA		GROUP LOCATIONS IN STREAMER OF: DEPTH TRANSDUCERS 476 428 380 320 272 212 164 104 56 8 DEPTH CONTROLLERS 476 428 380 320 272 212 164 104 56 8 COMPASS SENSORS 476 428 380 320 272 212 164 104 56 8
REMARKS (eg. - Line Status, Overlap Diagram, Bad Traces, Excess Noise, Etc.) DIGI COURSE SMART BIRDS (396) HAVE COMPASS, DEPTH TRANSDUCER, AND CABLE LEVELER IN ONE UNIT. TRACES 307, 308, 426, 438 WEAK. TEAM DUE TO EXCESSIVE 'FIBER' PARTICLES LAST GOOD SHOT POINT #320 LINE STATUS: 1-2-UMP / PROCS PROC/COMPLETE - DNP - HOLD - DRSH - UNDS 101-320		
RECORDING PARAMETERS: INSTRUMENT TYPE = FCS (TITAN 1000) S/N = 5 FILTER SETTINGS HI 64 HZ. SLOPE 72 DB/OCT LO 8 HZ. SLOPE 18 DB/OCT PREAMPLIFIER GAIN H M/D 12 DB SAMPLE RATE 4 MS RECORD LENGTH 24 SECS TAPE FORMAT: SEG P GAPPED PACKING DENSITY 6250 BPI BYTES IN HEADER 3456 EXTENDED HEADER USED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO DELAY RECORD MODULE USED 0 SECS TAPE LENGTH: 3600 FT. REVERSED TRACES (IN TSR): NONE GAIN MODE FIXED <input type="checkbox"/> FLOAT TIMEBREAK WINDOW: N/A MS		
SOURCE DETAILS: SOURCE TYPE AND SIZE PNA CON 7200.125 SOURCE DEPTH 7 M AIRGUN PRESSURE 2000 PSI SOURCE FIRING DELAY 5/2 MS STREAMER TYPE: DFAS 4807 CABLE DETAILS: NUMBER OF GROUPS 480 GROUP LENGTH 6.25 M NUMBER OF PHONES/GROUP 16 TARGET STREAMER DEPTH 12 M STREAMER LENGTH (CENTRE NEAR CP TO CENTRE FAR CP) 2962.5 M GROUP CHARGE SENSITIVITY: 53.4 mV/4 bar NUMBER OF SEMS: 40 NUMBER OF SEMS IN USE: 40 LENGTH OF EACH STRETCH SECTION 50 M NUMBER OF STRETCHES IN FRONT END 4 NUMBER OF REPEATERS IN USE: 4 FOLD COVERAGE 3000 SHOT INTERVAL 50 M NOISE DETAILS: BOI 1.4 uB EOL uB		
BAD RECORDS AF = 01 OTHER = MSP = 03 NS = INST. = 01 TAPES USED = 8		
DEAD TRACES NOISY TRACES		

MARINE SEISMIC OBSERVER'S LOG



CLIENT
ISPG
LINE NO. ISPG21A

PROSPECT
HERSCHEL EAST
LINE ID# 20001

AREA
BEAUFORT SEA
DIR N 219.3°

DATE
MO 09 DAY 27 YR 89

PARTY
2972

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OBSERVER
BARNHAM

REEL NUMBER	TXP	SHOTPT	RECORD NUMBER	TIME (GMT)	WATER DEPTH METERS	STREAMER DEPTH IN METERS									BAD RECORDS				REMARKS							
						NEAR									NS	Other	MSP	AF		INST	F.A.					
302634	0		100			10	9	8	7	6	5	4	3	2	1											BOL NOISE
		101	101	09:48	155	12	12	12	12	12	12	12	12	12	12				✓							BOL
		115	-																	✓						AKF Gun #46 REC #15
		128	-																	✓						MSP "SPUB" HANGUP
	0	130	129																							EOT
302635	1	131	130	10:02	156	12	12	12	12	12	12	12	12	12	12											EOT
	1	160	159																							BOT
302636	2	161	160	10:15	160	12	12	12	12	12	12	12	12	12	12											EOT
		173	-																	✓						MSP "SPUB" HANGUP
	2	180	-																	✓						DATA CHK ERROR REC #178
	2	191	189																							EOT
302637	0	192	190	10:29	157	12	12	12	12	12	12	12	12	12	12											BOT
		207	-																	✓						MSP SLS ERROR
	0	222	219																							EOT
302638	1	223	220	10:43	147	12	12	12	12	12	12	12	12	12	12											BOT
	1	252	249																							EOT
302639	2	253	250	10:56	146	12	12	12	12	12	12	12	12	12	12											BOT
	2	282	279																							EOT
302640	0	283	280																							BOT
	0	312	309																							EOT
302641	1	313	310	11:24	146	12	12	12	12	12	12	12	12	12	12											BOT

Client: I.S.P.G. Prospect: HERSCHEL EAST Vessel: m/v E.O VETTER

Date: SEPT 26/89 Julian Day: 270 Shipment # 2972-ISP-89-01-01

BOL: ISPG 2A Time (GMT): 09 48 CMS ID#: 20001

Record Length: 24 seconds Shot point interval: 50 meters

FSP: 101 FRN: 101 Speed: 35 knts Water Depth: 1552 m

Direction: 249.3° Heading: 218.4°

Feather Angle: -2.8 degrees Ave. Cable Noise: 1.4007 uB

Bad Traces: 307, 308, 426, 438 INSENSITIVE / POOR RESOLVE

Cable Depths At BOL:

10 <u>11.9</u>	9 <u>12.2</u>	8 <u>11.9</u>	7 <u>12.2</u>	6 <u>12.2</u>	5 <u>12.2</u>	4 <u>11.9</u>	3 <u>12.2</u>	2 <u>12.2</u>	1 <u>11.9</u>
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Offset: 132.5 Meters (Centre Source to Center Near Group)

Weather Conditions> Wind: LIGHT VARIABLE knts. Seas: 2 ft.

Spread: 87 Meters

Gun Status Array Volume: 7040 cu.in. Array Pressure: 1950 p.s.i

Gun Off	1		41	53														
Gun On	CH1 5A	CH61 15	CH41 45A		CH64 56													

Navigation Primary: SYL / ARGO Secondary: ARGO

Syledis Herschel Garry Pitt Komakuk

Argo = Pitt x Garry W x King x

Coordinates at BOL: 69 44 59.89 N
138 07 29.58 W

Comments:
1/ OFFSET REDUCED TO 132.5 m PRIOR TO LINE (CENTR SOURCE TO CENTR NEAR GRP)
2/ RECORD LENGTH SET TO 24 SECONDS.

GMT	SP#	Comments
09:48	101	BOL 1SPG 2A FSD 101 FRW 101
	115	AUTO FIRE GUN # 46
	128	MSP (SPU B HANG UP)
	178	MSP (SPU B HANG UP)
	180	DATA CHECK ERROR
	207	MSP (SCS ERROR)
	324	EXCESSIVE PARITY COUNT DISPLAYED FOR "A" FIBRE
		NOTE: SP 322 - 334 BAD RECORDS
		ie. EITHER PARITY ERRORS, MSP, SCS ERRORS
		ERRORS CAUSED WHEN STREAMER POWERED DOWN AND
		POWERED BACK UP IN AN ATTEMPT TO CLEAR PARITY ERRORS
	334	EOL 1SPG 2A LSP 334 LRW 334
		TERMINATED DUE TO PARITY ERRORS
		LGSP 320

Client: I.S.P.G. Prospect: HERSCHEL EAST Vessel: m/v E.O VETTER

Date: SEPT 27/89 Julian Day: 270 Shipment # 2972-ISP-89-01-01

EOL: ISPG2A Time (GMT): 11:34 CMS ID#: 20001

Record Length: 24.0 seconds Shot point interval: 50 meters

LSP: 334 LRN: 329 Speed: 3.5 knts Water Depth: 147 m

Direction: 219.3° Heading: 221.5°

Feather Angle: -1.0 degrees Ave. Cable Noise: N/A uB

Bad Traces: 307, 308, 426, 438 INSENSITIVE / NO RESPONSE

Cable Depths At EOL:

10 <u>12.2</u>	9 <u>12.2</u>	8 <u>12.2</u>	7 <u>12.2</u>	6 <u>11.9</u>	5 <u>12.2</u>	4 <u>12.2</u>	3 <u>12.2</u>	2 <u>12.2</u>	1 <u>12.2</u>
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Offset: 132.5 Meters (Centre Source to Center Near Group)

Weather Conditions > Wind: LIGHT VARIABLE knts. Seas: 2 ft.

Spread: 87 Meters

Gun Status Array Volume: 7040 cu.in. Array Pressure: 1950 p.s.i

Gun Off	1		41	53											
Gun On	5a	15	45a	5b											

Navigation Primary: SYL/ARGO Secondary: ARGO

Syledis Herschel Garry Pitt Komakuk

Argo Monument Garry W King

Coordinates at EOL: 69 40 08.01 N
138 18 57.92 W

Comments:

1/ LINE TERMINATED DUE TO PARITY ERRORS ON "A" FIBRE.

LGSP 320 PROCESS SP 101 - 320

DNA SP 321 - 334

TOTAL SP = 220 = 11 Km PROCESSABLE / CHARGED

INCOMPLETE / PROCESS.