
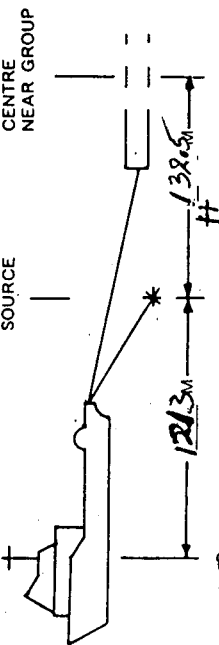


<b>TITAN 1000</b>		<b>MARINE SEISMIC OBSERVER'S DATA</b>		FOR PROSPECT PAGES <u>1</u> TO <u>4</u>	
CLIENT <b>F.S.P.G.</b>	PROSPECT <b>HERSCHEL EAST</b>	VESSEL <b>Beaufort Sea</b>	DATE MO <u>89</u> DAY <u>29</u> YR <u>89</u>	PARTY NO. <b>2972</b>	
LINE NO. <b>ISPG-2AB</b>	DIR 'N <b>20012</b>	AREA <b>Beaufort Sea</b>		PARTY MANAGER <b>Wayne Nowaty</b>	
				SHIPMENT NO. <b>2972-ISP-89-01-01</b>	
DISTANCES: 		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			
CNP TO STERN <b>35.1</b> M PRIMARY ANTENNA <b>1.1</b> M TO CNP FATHOMETER <b>1.7</b> M AFT OF PRIMARY ANTENNA		BERING TO CNP <b>250</b> DEG <b>TT OFFSET AVERAGE OF VALUES DERIVED FOR ALL SIX (6) STRINGS. GWS SPREAD EQUALS 87M</b>			
RECORDING PARAMETERS: INSTRUMENT TYPE = <b>FCS (TITAN 1000)</b> S/N = <b>5</b>		SOURCE DETAILS:- SOURCE TYPE AND SIZE <b>PMA CON 7200123</b> SOURCE DEPTH <b>7</b> M AIRGUN PRESSURE <b>2000</b> PSI SOURCE FIRING DELAY <b>5/2</b> MS STREAMER TYPE: <b>O FOS 480T</b> CABLE DETAILS: - NUMBER OF GROUPS <b>480</b> GROUP LENGTH <b>6.25</b> M NUMBER OF PHONES/GROUP <b>16</b> TARGET STREAMER DEPTH <b>12</b> M STREAMER LENGTH ( TO CENTRE FAR GP ) <b>2962.5</b> M GROUP CHARGE SENSITIVITY: <b>53.4 pV/V Bar</b> NUMBER OF SEMS: <b>40</b> NUMBER OF SEMS IN USE: <b>40</b> LENGTH OF EACH STRETCH SECTION <b>50</b> M NUMBER OF STRETCHES IN FRONT END <b>4</b> NUMBER OF REPEATERS IN USE: <b>4</b> FOLD COVERAGE <b>3000</b> SHOT INTERVAL <b>50</b> M			
FILTER SETTINGS HI <b>64</b> HZ. SLOPE <b>72</b> DB/OCT LO <b>8</b> HZ. SLOPE <b>18</b> DB/OCT PREAMPLIFIER GAIN H <b>M @ 12</b> DB SAMPLE RATE <b>4</b> MS RECORD LENGTH <b>24</b> SECS TAPE FORMAT: SEG <b>P</b> GAPPED PACKING DENSITY <b>6250</b> BPI		REMARKS (sp. - Line Status, Overlay Diagram, Bad Traces, Excess Noise, Etc.) <b>DIGI COURSE SMART BANDS (396)</b> <b>HAVE COMPASS, DEPTH TRANSDUCER, AND CABLE LEVELER IN ONE UNIT.</b> <b>TRACES #307, #308, #426, #438 WEAK.</b>			
BYTES IN HEADER <b>3456</b> EXTENDED HEADER USED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO DELAY RECORD MODULE USED <b>0</b> SECS TAPE LENGTH: <b>3600</b> FT. REVERSED TRACES (IN TSR): <b>NONE</b> (FLOAT) GAIN MODE: FIXED <b>N/A</b> MS TIMEBREAK WINDOW: <b>N/A</b>		LINE STATUS: PROC/COMPLETE <input checked="" type="checkbox"/> DNP - HOLD - DRSH - UNDS FSP = <b>269</b> FRN = <b>269</b> LSP = <b>857</b> LRN = <b>856</b> TOT SPS = <b>589</b> TOT RNS = <b>588</b>			
POLARITY: POSITIVE PRESSURE ON PHONE GIVES NEGATIVE <input checked="" type="checkbox"/> UPBREAK <input type="checkbox"/> ON POSITIVE <input type="checkbox"/> NO. ON TAPE <input type="checkbox"/> DOWNBREAK <input checked="" type="checkbox"/> DISPLAY CAMERA DISPLAY METHOD <b>Digital 480T</b> SINGLE TRACE DISPLAY SOURCE <b>480</b>		BAD RECORDS AF = <b>0</b> OTHER = <b>0</b> MSP = <b>1</b> NS = <b>0</b> INST. <b>4</b> TAPES USED = <b>21</b>			
NOISE DETAILS:- BOL <b>1.3</b> uB EOL <b>0.9352</b> uB		DEAD TRACES NOISY TRACES			







# MARINE SEISMIC OBSERVER'S LOG

DATE MO. 9 DAY 27 YR 89 PAGE# 4 OF 4  
 CLIENT ISPG PROSPECT ARSCHTEL EAST AREA BEAUFORT SEA  
 LINE NO. ISG-2AB LINE ID# 20012 DIRN 219.2  
 M.V. EDWARD O. VETTER OBSERVER BOB SMELLING  
 DUAL STREAMER SPREAD M

REEL NUMBER	TXP	SHOT/PT	RECORD NUMBER	TIME (GMT)	WATER DEPTH METERS	NEAR										BAD RECORDS				REMARKS					
						STREAMER DEPTH IN METERS										NS	Other	MSP	AF		INST	F.A.			
						10	9	8	7	6	5	4	3	2	1										
302660	0	789	-1																						DCE 999
		816	815																						EOT
302661	1	817	816	2253	16	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	11.9									<sup>S</sup> BOT
		846	845																						EOT
302662	2	847	846	2306	16	12.5	12.2	11.9	11.9	12.2	11.9	12.2	12.2	12.2	12.2	12.2									<sup>S</sup> BOT
		857	856	2311	16	12.2	12.2	12.5	12.2	11.9	11.9	12.2	12.2	12.2	12.2	12.2									<sup>S</sup> EOL
		-	857																						Noise Test

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

Date: 89/09/27 Julian Day: 270 Shipment # 2972-ISP-89-01-01

BOL: ISPR2AB Time (GMT): 18:44 CMS ID#: 20012

Record Length: 24.0 seconds Shot point interval: 50 meters

FSP: 269 FRN: 269 Speed: 3.6 knts Water Depth: 145 m

Direction: 219.2<sup>07</sup> Heading: 217.9<sup>07</sup>

Feather Angle: P3.2 degrees Ave. Cable Noise: 1.3 uB

Bad Traces: 307, 308, 426, 438 weak

Cable Depths At BOL:

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

Weather Conditions> Wind: light hrs knts. Seas: calm ft.

Spread: 87 Meters

Gun Status Array Volume: 7040 cu.in. Array Pressure: 150 p.s.i

Gun Off	<u>1</u>	<u>15</u>	<u>41</u>	<u>53</u>	<u>56</u>													
Gun On	<u>SA</u>	<u>15</u>	<u>4SA</u>		<u>56</u>													

Navigation Primary: hybrid Secondary: \_\_\_\_\_

Syledis Herschel  Garry  Pitt  Komakuk

Argo Monument  Garry W  King

Coordinates at BOL: 069 4130.22 N  
138 15 44.12 W

Comments: FCSP: 321, FCRN: 321  
52 SP overlap



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

Date: 89/09/27 Julian Day: 270 Shipment # 2972-ISP-89-01-01

EOL: ISPR 2AB Time (GMT): 23:11 CMS ID#: 20012

Record Length: 25.5 seconds Shot point interval: 50 meters

LSP: 857 LRN: 856 Speed: 3.5 knts Water Depth: 16.7 m

Direction: 219.2 Heading: 218.5

Feather Angle: S 2.4 degrees Ave. Cable Noise: 0.935 uB

Bad Traces: 307, 308, 426, 438 weak

Cable Depths At EOL:

10	<u>11.9</u>	9	<u>11.9</u>	8	<u>11.9</u>	7	<u>11.6</u>	6	<u>11.9</u>	5	<u>11.7</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 Ars knts. Seas: Calm ft.

Spread: 87 Meters

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

Gun Off	<u>1</u>	<u>15</u>	<u>41</u>	<u>53</u>	<u>56</u>													
Gun On	<u>SA</u>	<u>15</u>	<u>45A</u>		<u>56</u>													

Navigation Primary: Argo Secondary: Syledis/Argo

Syledis Herschel  Garry  Pitt  Komakuk

Argo Monument  Garry W  King

Coordinates at EOL: 069 29 10.89 N  
138 44 15.51 W

Comments: Comp lita Process

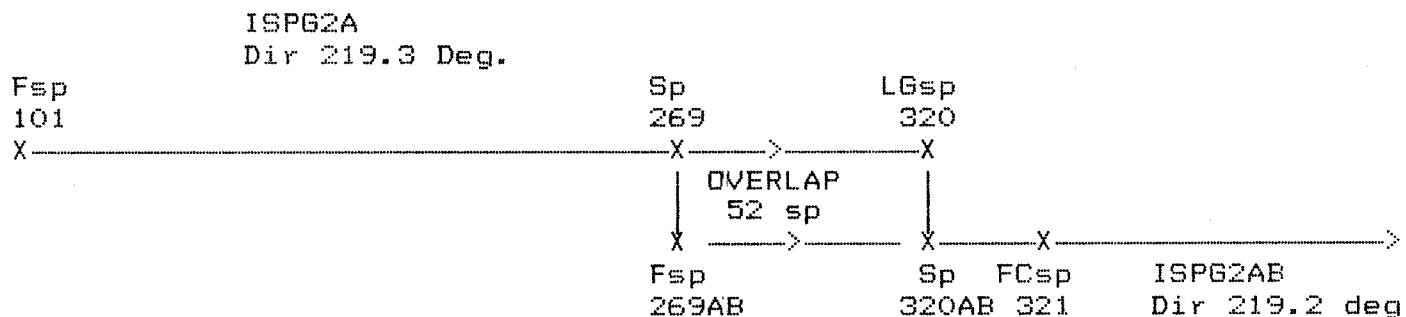
HALLIBURTON GEOPHYSICAL SERVICES

Client: ISPG

Prospect: HERSCHEL EAST

Vessel: M/V E.O Vetter

OVERLAP DIAGRAM



NOTE: 52 SHOTPOINT OVERLAP.

SHOT POINT 321 First Chargeable SP

September 27/1989