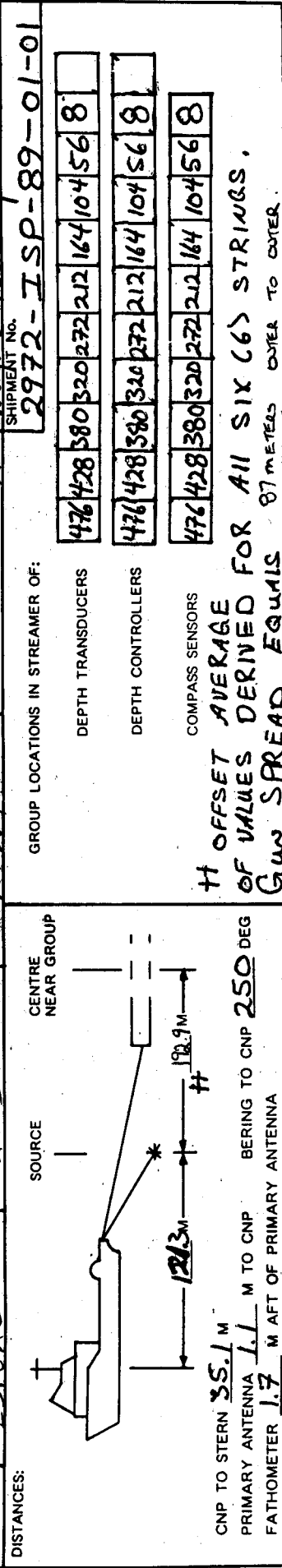


TITAN 1000 MARINE SEISMIC OBSERVER'S DATA

FOR PROSPECT PAGES 1 TO 7

CLIENT: **F.S.P.G.** PROSPECT: **Beamford Sea** VESSEL: **M/V E.O. Vetter** PARTY NO: **2972**

LINE NO: **TSPG2C** LINE ID: **2003** DIRN: **273.7°** DATE: **MO 09 DAY 21 YR 89** PARTY MANAGER: **Wayne Nowory** SHIPMENT NO: **2972-I SP-89-01-01**



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 **0** 12 DB; 4 MS

RECORD LENGTH: 4 SECS

TAPE FORMAT: SEG **P** GAPPED

PACKING DENSITY: **6250 BPI**

BYTES IN HEADER: **3456**

EXTENDED HEADER USED: YES NO

DELAY RECORD MODULE USED: **0** SECS

TAPE LENGTH: **3600** FT.

REVERSED TRACES (IN TSR): **NONE** (FLOAT)

GAIN MODE: FIXED **N/A** MS

TIMEBREAK WINDOW: **N/A**

REMARKS:

(eg. - Line Status, Overlap Diagram, Bad Traces, Excess Noise, Etc.)

DIGI COURSE SMART BANDS (396) HAVE COMPASS, DEPTH TRANSDUCER, AND CABLE LEVELER IN ONE UNIT.

LINE STATUS: **PROC/COMPLETE** - DNP - HOLD - DRESH - UNDS

FSP = **101** FRN = **101**

LSP = **1682** LRN = **1681**

TOT SPS = **1532** TOT RNS = **1581**

BAD RECORDS: **4** (75 00 LENS, 100 00 LENS, 100 00 LENS)

DEAD TRACES: **426** FOR RESUME, **438** FOR RESUME

NOISY TRACES: **0-1** UB, **0-1** UB

TAPES USED = **40**

SOURCE DETAILS:

SOURCE TYPE AND SIZE: **PWA CON 7200** M

SOURCE DEPTH: **7** M

AIRGUN PRESSURE: **2000** PSI

SOURCE FIRING DELAY: **5/2** MS

STREAMER TYPE: **DFO S 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 GP TO CENTRE FAR GP): **2962.5** M

GROUP CHARGE SENSITIVITY: **53.4 mV/μBar**

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: **60-1** UB, **0-1** UB

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

Date: SEPT. 21/89 Julian Day: 264 Shipment # 2972-ISP-89-01-01

BOL: ISPG 2C Time (GMT): 06.51 CMS ID#: 20003

Record Length: 16 seconds Shot point interval: 50 meters

FSP: 101 FRN: 101 Speed: 4.6 knts Water Depth: 65 m

Direction: 273.7° Heading: 272.3°

Feather Angle: +3.9 degrees Ave. Cable Noise: 0.7205 uB

Bad Traces: 426 INSENSITIVE/POOR RESPONSE, 438 POOR RESPONSE

Cable Depths At BOL:

| | | | | | | | | | |
|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 10 <u>12.5</u> | 9 <u>11.6</u> | 8 <u>11.2</u> | 7 <u>11.2</u> | 6 <u>11.6</u> | 5 <u>11.2</u> | 4 <u>11.6</u> | 3 <u>11.6</u> | 2 <u>11.6</u> | 1 <u>11.2</u> |
|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|

Offset: 192.9 Meters (Centre Source to Center Near Group)

Weather Conditions > Wind: SE 10 knts. Seas: 1.5 ft.

Spread: 87 Meters

Gun Status Array Volume: 6460 cu.in. Array Pressure: 1950 p.s.i

| | | | | | | | | | | | | | | | | | | |
|---------|-------------------------|----|----|-------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Gun Off | | 40 | 53 | | | | | | | | | | | | | | | |
| Gun On | <u>461</u> <u>15</u> | | | <u>464</u> <u>56</u> | | | | | | | | | | | | | | |

Navigation Primary: SYL/ARGO ✓ Secondary: ARGO x

Syledis Herschel Garry Pitt Komakuk

Argo Monument x Garry W x King x

Coordinates at BOL: 69 48 00.06 N
138 59 59.93 W

Comments:

- 1/ LIVE RECORDED WITH 16 SEC RECORDS
- 2/ FILTERS LO CUT 3 HZ 13 db/OCT HI CUT 64 HZ 72 db/OCT
- 3/ CTO PLOTTER NOT SET UP PROPERLY FOR PORTION OF LINE
- 4/ EVENT MARKS ON PERIMETER STABIL CHART EVERY 40 SPS

| GMT | SP# | Comments |
|-------|-----|---|
| 06:51 | 101 | BOL 15262C FSP 101 FRN 101 |
| | 201 | ONLINE NOISE TEST NO GUNS FIRED |
| | 202 | A/F |
| | 223 | SQU BUS B HANG UP (FIBRE A) DATA CHECK ERROR |
| | 223 | SQU BUS B HANG UP (FIBRE A) DATA CHECK ERROR |
| | 224 | SQU BUS B HANG UP (FIBRE A) DATA CHECK ERROR |
| | 279 | DROPPED ^{SOL} ARGO BASE 7 (KING) ADDED BASE 5 (MONUMENT) to Lower CEPS. |
| | 301 | ON LINE NOISE TEST NO GUNS FIRED |
| | 401 | ON LINE NOISE TEST NO GUNS FIRED |
| | 412 | A/F GUN # 27 |
| | 440 | LOST SEM #1 DATA |
| | 441 | LOST SEM #1 DATA |
| | 442 | LOST SEM #1 DATA |
| | 443 | LOST SEM #1 DATA |
| | 447 | LOST SEM #1 DATA |
| | 448 | LOST SEM #1 DATA |
| | 449 | LOST SEM #1 DATA |
| | 451 | LOST SEM #1 DATA |
| | 460 | LOST SEM #1 DATA |
| | 461 | LOST SEM #1 DATA |
| | 462 | LOST SEM #1 DATA |
| | 463 | LOST SEM #1 DATA |
| | 480 | LOST SEM #1 DATA |
| | 501 | ONLINE NOISE TEST |

| Line <u>KSPG 2C</u> | | ONLINE LOG | Page <u>3</u> of <u>5</u> |
|---------------------|------|---|--|
| GMT | SP# | Comments | |
| | 601 | ONLINE NOISE TEST | NO GUNS FIRED |
| | 648 | SP4 BUS B | |
| | 670 | SP4 BUS B | NOTE: BIRD #10 TENDS SLIGHTLY DEEP 13.5m |
| | 701 | ON LINE NOISE | NO GUNS FIRED |
| | 710 | NOTE: WILL INCREASE SPEED IN ATTEMPT TO BRING BIRD #10 SHALLOWER. | |
| | 725 | DEPTHS IN SPEC. | |
| | 801 | ON LINE NOISE TEST | NO GUNS FIRED |
| | 853 | SP4 BUS A | |
| | 854 | SP4 BUS A | |
| | 901 | ON LINE NOISE TEST | NO GUNS FIRED |
| | 1004 | MISSED SP | |
| | 1005 | A/F | |
| | 1013 | ONLINE NOISE TEST | NO GUNS FIRED |
| | 1102 | ONLINE NOISE TEST | NO GUNS FIRED |
| | 1122 | SP4 BUS A | HANG UP |
| | 1123 | SP4 BUS A | HANG UP |
| | 1201 | ONLINE NOISE TEST | NO GUNS FIRED |
| | 1303 | ONLINE NOISE TEST | NO GUNS FIRED |
| | 1401 | ONLINE NOISE TEST | NO GUNS FIRED |
| | 1451 | A/F GUN #22 | |
| | 1501 | ONLINE NOISE TEST | |
| | 1601 | ONLINE NOISE TEST | |

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

Date: SEPT. 21/89 Julian Day: 264 Shipment # 2972-ISP-89-01-01

EOL: ISPG 2C Time (GMT): 15.48 CMS ID#: 20003

Record Length: 16 seconds Shot point interval: 50 meters

LSP: 1682 LRN: 1681 Speed: 4.7 knts Water Depth: 35.5 m

Direction: 273.7° Heading: 272.8°

Feather Angle: +0.3 degrees Ave. Cable Noise: 0.5538 uB

Bad Traces: 426 INSENSITIVE PDC RESPONSE, 438 POOR RESPONSE.

Cable Depths At EOL:

| | | | | | | | | | |
|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 10 <u>11.6</u> | 9 <u>11.6</u> | 8 <u>11.2</u> | 7 <u>11.2</u> | 6 <u>11.6</u> | 5 <u>11.6</u> | 4 <u>11.6</u> | 3 <u>11.6</u> | 2 <u>11.6</u> | 1 <u>11.6</u> |
|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|

Offset: 192.9 Meters (Centre Source to Center Near Group)

Weather Conditions > Wind: E 20 knts. Seas: 4-5 ft.

Spread: 87 Meters

Gun Status Array Volume: 6960 cu.in. Array Pressure: 1950 p.s.i

| | | | | | | | | | | | | | | | | | | | |
|---------|------------|----|----|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Gun Off | | 40 | 53 | | | | | | | | | | | | | | | | |
| Gun On | CH61 15 | | | CH64 56 | | | | | | | | | | | | | | | |

Navigation Primary: SYL/ARGO ✓ Secondary: ARGO x

Syledis Herschel Garry Pitt Komakuk

Argo Monument x Garry W x King x

Coordinates at EOL: 69 50 01.72 N

141 03 02.49 W

Comments:

1/ Lost SEM #1 DATA FOR PORTIONS OF LINE

2/ BLASTER POWER TURNED OFF TO TAKE ON LINE NOISE TESTS REASON FOR N/F OF DISCONNECTED.

LINE COMPLETE / PROGRESS

TOTAL SP = 1582 = 79.10 Km.