997-11.69 **AGIP**

OFFSHORE ITALIA
ZONA F

N — 1 — LINEA F-76-72A — 552 — S

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

499 | Date APRIL 27 .76 | Checked HV

**PROCESSING** — SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPLO stabilization by vaporchoc signal
3 MUTING
4 DECONVOLUTION 240 ms
windows 500 2300 ms ⌟ Below
1900 3600 ms ⌟ Sea bottom
5 VELOCITY ANALYSIS VA
6 NMO CORRECTIONS
LINEAR INTERPOLATION BETWEEN VELOCITY FUNCTIONS
7 STACK 4800 %
8 TIME VARIANT FILTER (Origin sea bottom)
9 TRACE EQUALIZATION
10 ANALOG DISPLAY

**FIELD RECORDING** — SAMPLING RATE 4 ms

Ship POLAR BJORN Shooting date FEB/1976
Field recorder SN338B filter 1/8-125
floating point sampling 4 ms
Streamer 2400 m (Depth 15 m)
groups 48 (group interval 50 m)
Geophones type HC 201 n° 48 / group
48Fold coverage
Energy source VAPORCHOC (Depth 5 m)
SP (+) Streamer tail
330m MOTOROLA positioning

00297

F.76.153 / 58

NO SOUNDING

F.76.72B 7 — F76.151 62

Water depth in meters

TWT

1 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 43 440 450 460 470 480 490 500 510 520 540 552

000 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200 3400 3600 3800 4000 4200 4400 4600 4800 5000 5200 5400 5600 5800 6000 6200 6400 6600 6800 7000

| TWT | FROM SP 1 TO SP 44 | FROM SP 164 TO SP 164 | FROM SP 291 TO SP 291 | FROM SP 367 TO SP 367 | FROM SP 485 TO SP 552 |
|---|---|---|---|---|---|
| | AV.VEL. IN M/S | AV.VEL. IN M/S | AV.VEL. IN M/S | AV.VEL. IN M/S | AV.VEL. IN M/S |
| 000 | | | | | |
| 200 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 400 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 600 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 800 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 1000 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 1200 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 1400 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 1600 | 1597 | 1500 | 1506 | 1500 | 1500 |
| 1800 | 1592 | 1539 | 1543 | 1516 | 1500 |
| 2000 | 1667 | 1784 | 1580 | 1574 | 1514 |
| 2200 | 1728 | 1956 | 1655 | 1630 | 1570 |
| 2400 | 1826 | 1717 | 1737 | 1691 | 1649 |
| 2600 | 2131 | 1308 | 1861 | 1762 | 1746 |
| 2800 | 2444 | 2262 | 2165 | 1907 | 1873 |
| 3000 | 2606 | 2593 | 2470 | 2081 | 1997 |
| 3200 | 2748 | 2832 | 2682 | 2467 | 2150 |
| 3400 | 2928 | 3007 | 2867 | 2773 | 2409 |
| 3600 | 3087 | 3162 | 3030 | 2941 | 2608 |
| 3800 | 3230 | 3301 | 3176 | 3091 | 2776 |
| 4000 | 3359 | 3426 | 3307 | 3227 | 2927 |
| 4200 | 3475 | 3539 | 3426 | 3349 | 3064 |
| 4400 | 3581 | 3641 | 3534 | 3461 | 3188 |
| 4600 | 3677 | 3735 | 3632 | 3562 | 3302 |
| 4800 | 3765 | 3821 | 3723 | 3656 | 3406 |
| 5000 | 3847 | 3900 | 3806 | 3741 | 3502 |
| 5200 | 3922 | 3973 | 3882 | 3820 | 3590 |
| 5400 | 3991 | 4041 | 3953 | 3894 | 3672 |
| 5600 | 4056 | 4104 | 4019 | 3962 | 3748 |
| 5800 | 4116 | 4162 | 4081 | 4025 | 3819 |
| 6000 | 4172 | 4217 | 4138 | 4084 | 3885 |
| 6200 | 4225 | 4268 | 4192 | 4140 | 3947 |
| 6400 | 4274 | 4316 | 4242 | 4192 | 4004 |
| 6600 | 4320 | 4361 | 4289 | 4240 | 4059 |
| 6800 | 4364 | 4403 | 4333 | 4286 | 4110 |
| 7000 | 4405 | 4443 | 4375 | 4329 | 4158 |

VARIABLE FILTER
997 11 69
VI
Frequency in Hz
2 5 10 20 30 40 50
11 35
9 15