

OFFSHORE ITALIA
ZONA F

AGIP

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800%

Boat motion

1 km

COMPAGNIE GENERALE
DE GÉOPHYSIQUE

SOCIETÀ ITALIANA DI GEOPHYSIQUE

PARIS - PARIS

LIGNE F-76-72B 640

NW 1

SE

518 Date MAY 6 '76 Checked

Ry6

PROCESSING
SAMPLING RATE 4 msFIELD RECORDING
SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY

2 WAVELET STABILIZATION BY AVERAGING SIGNAL

3 METING

4 DEconvolution 240 ms

5 VELOCITY ANALYSIS (VAV)

6 KMO CORRELATION

7 STACK 4800 %

8 TIME VARIANT FILTER (Origin sea bottom)

9 TRACE EQUALIZATION

10 ANALOG DISPLAY

11 FREQUENCY INTERPOLATION
BETWEEN VELOCITY FUNCTIONS

Ship POLAR BJORN Shooting date: FEB/1976

Field recorder SN3388 Filter 1/8-125

Sampling point sampling 4 ms

Streamer: 240 m (depth 15 m)

Groups: 48 (group interval 50 m)

Geophones type HC 201 n: 48 / group

48-fold coverage

Energy source VAPORCHOC (Depth 5 m)

SP tr.1 Streamer tr.48

330m MOTOROLA positioning

00298

F76.72A F76.151

490

62

Water depth in meters

1 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640

NO SOUNDINGS

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

F76.149

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F76.72C

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