997-11.50 **AGIP**

OFFSHORE ITALIA

ZONA F

NW 1 — LINEA F.75-30 — SE 680

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN Source and cable depth

STACK 4800 %

Boat motion

472 Date APRIL 15 .76 Checked

PROCESSING SAMPLING RATE 4 MS

1 AMPLITUDE RECOVERY
2 WAPC-statistization to vaporchoc signal
3 MUTING
4 DECONVOLUTION 240 ms
window: 500 3300 ms ⌟ Below
1900 3600 ms sea bottom
5 VELOCITY ANALYSIS VA
6 RMS 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 GLORIA TIDE Shooting date DEC 1975
Field recorder SN 338 filter 1/8 125
Floating point sampling 4 ms
Streamer 2400 m depth 18 m
groups 48 group interval 50 m
Geophones type HC 201 nr 48 / group
48Fold coverage
Energy source VAPORCHOC Depths:
14 m 24 Streamer 5 m
350 m MOTOROL& positioning

00158

F.75059 1434

F.75.057 1176

NO SOUNDINGS

Water depth in meters

TWT

1 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680

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

FROM SP TO SP | FROM SP TO SP | FROM SP TO SP | FROM SP TO SP | FROM SP TO SP | FROM SP TO SP | FROM SP TO SP | FROM SP TO SP

1 TO SP 1* | 99* | 213* | 321* | 426* | 530* | 634* | 738*

3* | 142* | 213* | 321* | 426* | 530* | 634* | 738*

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* | AV. VEL. IN M/S* | AV. VEL. IN M/S* | AV. VEL. IN M/S*

1522 1500 1500 1500 1500 1500 1500 1500

1602 1526 1549 1500 1500 1500 1500 1500

1628 1569 1595 1536 1500 1500 1500 1500

1941 1607 1683 1563 1500 1500 1500 1500

2157 2059 1819 1643 1500 1500 1500 1500

2305 2221 1967 1779 1633 1500 1500 1500

2430 2536 2127 1940 1779 1665 1586 1500

2597 2754 2334 2121 1937 1801 1700 1618

2607 2912 2547 2269 2069 1934 1804 1727

3060 3037 2832 2613 2445 2262 2140 2036

3340 3361 3104 2794 2515 2307 2146 2014

3611 3631 3372 2996 2663 2387 2188 2035

3841 3859 3620 3383 3156 2946 2750 2568

4038 4055 3833 3639 3460 3294 3140 2997

4209 4225 4017 3743 3569 3444 3329 3192

4358 4373 4179 3921 3695 3561 3479 3389

4490 4504 4321 4079 3854 3687 3563 3463

4607 4621 4448 4219 3974 3797 3657 3560

4712 4725 4561 4344 4096 4135 3971 3839

4807 4818 4663 4457 4207 4033 3879 3744

4892 4903 4755 4559 4306 4124 3977 3844

4970 4980 4839 4652 4398 4205 4065 3933

5040 5051 4916 4736 4488 4282 4143 4011

5105 5115 4986 4814 4569 4357 4213 4077

5165 5175 5050 4886 4643 4428 4277 4136

5220 5229 5110 4951 4709 4492 4335 4191

5271 5280 5167 5012 4772 4547 4390 4241

5319 5327 5216 5069 4830 4602 4441 4287

5363 5371 5264 5122 4886 4657 4477 4327

5404 5412 5308 5171 4936 4705 4525 4377

VARIABLE FILTER

997-11.50 IV

Frequency in Hz

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125