997-11-69 **AGIP**

OFFSHORE ITALIA

ZONA F

N 485 — LINEA F-76-74A — S 1

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

532 | Date: MAY 10.76 | Checked RG

PROCESSING SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPCO 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 tr 1 Streamer tr 48
330m MOTOROLA positioning

00313

F-76.153 355

F.76.074B 611

VA

Water depth in meters

TWT

485 524 470 460 512 480 450 440 574 430 420 410 400 390 380 638 370 360 350 488 340 330 320 708 310 300 736 290 280 802 270 260 620 610 250 240 230 646 220 210 200 588 190 180 510 532 170 160 150 690 140 130 120 110 100 90 80 70 60 50 650 40 30 20 10 1

TWT 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

TWT	FROM SP TO SP 1 AV.VEL. IN M/S	FROM SP TO SP 96 AV.VEL. IN M/S	FROM SP TO SP 144 AV.VEL. IN M/S	FROM SP TO SP 192 AV.VEL. IN M/S	FROM SP TO SP 240 AV.VEL. IN M/S	FROM SP TO SP 288 AV.VEL. IN M/S
000						
200	1500	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500	1500
600	1500	1500	1500	1500	1500	1500
800	1499	1500	1500	1500	1500	1500
1000	1609	1600	1532	1564	1553	1500
1200	1792	1916	1748	1752	1732	1573
1400	2126	2106	1911	1953	1921	1812
1600	2317	2292	2106	2217	2043	1962
1800	2469	2486	2296	2421	2214	2177
2000	2643	2560	2456	2543	2379	2310
2200	2800	2737	2626	2643	2536	2406
2400	3008	3035	2788	2748	2685	2629
2600	3211	3315	2944	2856	2880	2765
2800	3418	3510	3134	2949	3059	2951
3000	3582	3713	3350	3159	3294	3153
3200	3734	3856	3521	3481	3481	3329
3400	3867	3982	3867	3629	3629	3466
3600	3986	4094	3797	3761	3761	3625
3800	4092	4195	3913	3879	3878	3756
4000	4187	4285	4017	3984	3984	3863
4200	4275	4367	4111	4080	4080	3964
4400	4352	4441	4197	4168	4168	4057
4600	4423	4509	4276	4247	4247	4141
4800	4489	4571	4347	4320	4320	4219
5000	4549	4628	4413	4387	4387	4290
5200	4605	4681	4474	4449	4449	4356
5400	4657	4729	4531	4507	4507	4417
5600	4705	4775	4583	4560	4560	4473
5800	4749	4817	4632	4610	4610	4526
6000	4792	4856	4678	4656	4656	4579
6200	4836	4893	4720	4699	4699	4621
6400	4867	4925	4760	4740	4740	4664

VARIABLE FILTER
997 11 69
VI
Frequency in Hz
11 55
9 35