997-11-69 **AGIP**

OFFSHORE ITALIA

ZONA F

NW 1300 — LINEA F-76-38 — SE 1944

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

615 | Date: JUNE 4 .76 | Checked

PROCESSING SAMPLING RATE 4 ms

1. AMPLITUDE RECOVERY
2. WAPC6 (stabilization by vaporchoc signal)
3. MUTING
4. DECONVOLUTION 240 ms
   window: 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 19 m)

groups 48 (group interval 50 m)

Geophones type HC 201 n° 48 / group

48Fold coverage

Energy source VAPORCHOC (Depth 5 m)

SP 1 to 1 Streamer 1 to 48

337m DOPPLER positioning

00150

F76-55 437

Water depth in meters

T WT

FROM SP *FROM SP* *FROM SP* *FROM SP* *FROM SP* *FROM SP* *FROM SP*
1284* 1404* 1524* 1643* 1764* 1883* 1996*
* TO SP * TO SP * TO SP * TO SP * TO SP * TO SP * TO SP *
1284* 1404* 1524* 1643* 1764* 1883* 1944*

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

T WT							
000							
200	1500	1500	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500	1500	1500
600	1500	1500	1500	1500	1500	1500	1500
800	1500	1500	1500	1500	1500	1500	1500
1000	1500	1500	1500	1500	1500	1500	1500
1200	1553	1569	1564	1539	1579	1538	1542
1400	1645	1682	1676	1642	1677	1621	1608
1600	1779	1785	1816	1628	1777	1686	1713
1800	1931	2163	1925	1980	1697	1791	1802
2000	2138	2461	2191	2159	2101	2014	2044
2200	2699	2721	2449	2304	2418	2284	2274
2400	2944	2971	2726	2629	2717	2626	2626
2600	3287	3242	3114	2931	2971	2935	2943
2800	3449	3482	3269	3193	3224	3197	3204
3000	3659	3689	3491	3419	3449	3424	3431
3200	3843	3871	3685	3614	3646	3622	3629
3400	4085	4032	3856	3794	3820	3797	3803
3600	4149	4174	4009	3949	3974	3953	3959
3800	4278	4302	4145	4089	4113	4092	4098
4000	4394	4417	4268	4214	4237	4218	4223
4200	4439	4521	4379	4328	4349	4331	4336
4400	4595	4619	4488	4431	4452	4434	4439
4600	4682	4702	4572	4526	4545	4528	4533
4800	4762	4781	4656	4612	4631	4615	4619
5000	4835	4853	4734	4691	4709	4694	4698
5200	4903	4921	4806	4765	4782	4767	4771
5400	4965	4983	4872	4833	4849	4835	4839
5600	5024	5041	4934	4896	4912	4898	4902
5800	5079	5094	4991	4955	4972	4957	4960
6000	5129	5144	5045	5009	5024	5012	5015
6200	5177	5191	5095	5061	5075	5063	5066

VARIABLE FILTER

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Frequency in Hz

8 12 16 20 25 32 40 50 63 80 100 125

135 60

9 25