997-11.69 **AGIP**

OFFSHORE ITALIA

ZONA F

NW 1240 — LINEA F-76-123 — SE 593

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

516 | Date: APRIL 30 .76 | Checked

PROCESSING SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPE (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 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 POLAR BJORN Shooting date: FEB/1976
Field recorder SN338B filter 8/8-125
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 1 r 1 Streamer 1 r 48
330m MOTORola positioning

00388

F75.070B 470

NO SOUNDINGS

Water depth in meters

TWT 1240 1230 1220 1210 1200 1190 1180 1170 1160 1150 1140 1130 1120 1110 1100 1090 1080 1070 1060 1050 1040 1030 1020 1010 1000 990 980 970 960 950 940 930 920 910 900 890 880 870 860 850 840 830 820 810 800 790 780 770 760 750 740 730 720 710 700 690 680 670 660 650 640 630 620 610 600 593

TWT	FROM SP 1 TO SP 484	FROM SP 485 TO SP 472	FROM SP 473 TO SP 453	FROM SP 454 TO SP 420	FROM SP 421 TO SP 440	FROM SP 441 TO SP 495	FROM SP 496 TO SP 560	FROM SP 561 TO SP 839	FROM SP 840 TO SP 766	FROM SP 767 TO SP 700	FROM SP 701 TO SP 593
	1151* 1246*	1257* 1697*	1220* 1820*	950* 950*	909* 936*	839* 766*	766* 788*	700* 615*	593*		
	RAV.VEL. IN M/S*	RAV.VEL. IN M/S*	RAV.VEL. IN M/S*	RAV.VEL. IN M/S*	RAV.VEL. IN M/S*	RAV.VEL. IN M/S*	RAV.VEL. IN M/S*	RAV.VEL. IN M/S*	RAV.VEL. IN M/S*	RAV.VEL. IN M/S*	RAV.VEL. IN M/S*
000	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
200	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
600	1500	1500	1516	1500	1500	1500	1500	1500	1500	1500	1500
800	1545	1550	1567	1539	1517	1500	1500	1500	1500	1500	1500
1000	1601	1619	1642	1581	1569	1546	1514	1500	1500	1500	1500
1200	1680	1682	1705	1643	1644	1604	1571	1540	1500	1500	1500
1400	1772	1767	1772	1773	1755	1683	1635	1598	1548	1500	1500
1600	1871	1867	1910	1878	1878	1746	1676	1686	1598	1500	1500
1800	1987	1967	2102	2005	2008	1895	1921	1712	1566	1500	1500
2000	2115	2113	2323	2330	2266	2113	2107	1850	1616	1500	1500
2200	2417	2330	2506	2678	2463	2334	2293	1959	1716	1500	1500
2400	2714	2615	2668	2964	2774	2523	2453	2162	1881	1500	1500
2600	2951	2857	2909	3102	3020	2701	2585	2348	2076	1500	1500
2800	3154	3067	3116	3369	3219	2924	2696	2508	2249	1500	1500
3000	3331	3249	3295	3531	3391	3114	2781	2687	2408	1500	1500
3200	3485	3409	3451	3673	3542	3282	2972	2881	2562	1500	1500
3400	3621	3549	3569	3798	3674	3436	3137	3053	2717	1500	1500
3600	3742	3674	3712	3909	3792	3561	3284	3206	2868	1500	1500
3800	3851	3786	3822	4009	3898	3679	3417	3342	3041	1500	1500
4000	3948	3887	3921	4096	3993	3785	3536	3469	3179	1500	1500
4200	4036	3978	4010	4179	4079	3861	3644	3576	3304	1500	1500
4400	4116	4061	4092	4253	4157	3968	3742	3677	3417	1500	1500
4600	4189	4136	4166	4320	4229	4048	3831	3769	3521	1500	1500
4800	4257	4206	4234	4382	4294	4121	3913	3854	3616	1500	1500
5000	4318	4269	4297	4438	4354	4186	3989	3932	3703	1500	1500
5200	4375	4328	4354	4491	4410	4250	4058	4004	3784	1500	1500
5400	4428	4383	4408	4539	4461	4307	4123	4070	3856	1500	1500
5600	4477	4433	4456	4584	4509	4361	4183	4132	3928	1500	1500
5800	4523	4481	4504	4626	4554	4410	4238	4189	3992	1500	1500
6000	4565	4524	4547	4665	4595	4457	4290	4243	4052	1500	1500
6200	4605	4566	4587	4702	4634	4500	4339	4293	4109	1500	1500
6400	4642	4604	4625	4736	4671	4541	4385	4340	4162	1500	1500

VARIABLE FILTER

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Frequency in Hz

5 10 15 20 25 30 40 60

9 18