997, 11.50 **AGIP**

OFFSHORE ITALIA
ZONA F

W 752 — LINEA F-75-105 — E 1

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5
TIME ORIGIN Source and cable depth
STACK 4800 %
Boat motion

306 | Date FEB 4 76 | Checked RM

PROCESSING (SAMPLING RATE 4 ms)

1 AMPLITUDE RECOVERY
2 WAVE-stabilization by repetitive signal
3 MUTING
4 DECONVOLUTION 240 ms
within 1900 - 2300 ms ⌟ Below
within 1900 - 2800 ms ⌟ Sea bottom
5 VELOCITY ANALYSIS 1/40
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 GLORITA TIDE Shooting date NOV 1975
Field recorder SN 338 Filter 8/125
Floating point Sampling 4 ms
Streamer 2400 m (Depth 14 m)
groups 48 (group interval 50 m)
Geophones type HC 201 n° 48 / group
48-fold coverage
Energy source VAPORCHOC (Depth 6 m)
SP 751 Streamer 746
3304 MOTOROLA positioning

00367

F-75064N 1200

F-75062 1915

NO SOUNDINGS

Water depth in meters

TWT

752 740 730 720 710 700 690 680 670 660 650 640 630 620 610 600 590 580 570 560 550 540 530 520 510 500 490 480 470 460 450 440 430 420 410 400 390 380 370 360 350 340 330 320 310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 1

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 6600 6800 7000

*F10% *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*

TWT	*VEL* IN M/S*	*VEL* IN M/S*	*VEL* IN M/S*	*VEL* IN M/S*	*VEL* IN M/S*	*VEL* IN M/S*	*VEL* IN M/S*
	638* 752*	527* 639*	521* 527*	431* 521*	351* 431*	167* 351*	1* 167*
000	1500	1500	1500	1500	1500	1500	1500
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	1596	1523	1506	1501	1500	1500	1500
1200	1656	1592	1514	1577	1500	1500	1500
1400	1726	1669	1590	1674	1500	1500	1500
1600	1829	1769	1666	1723	1532	1643	1500
1800	1924	1726	1651	1750	1643	1666	1547
2000	2008	1766	1741	1621	1732	1686	1606
2200	2133	1852	1869	1651	1682	1747	1676
2400	2275	1960	2018	2021	1915	1949	1763
2600	2454	2108	2129	2229	2095	2047	1908
2800	2607	2220	2289	2446	2217	2216	1963
3000	2740	2367	2421	2625	2313	2392	2092
3200	2893	2548	2579	2713	2397	2471	2183
3400	3064	2682	2693	2976	2626	2675	2298
3600	3216	2826	2926	3133	2648	2736	2544
3800	3352	3193	3172	3273	3014	2694	2702
4000	3474	3321	3263	3349	3158	3029	2863
4200	3585	3447	3420	3514	3273	3171	3085
4400	3686	3556	3538	3618	3394	3298	3183
4600	3776	3652	3620	3713	3498	3396	3249
4800	3862	3744	3729	3799	3594	3493	3350
5000	3935	3823	3807	3879	3682	3591	3459
5200	4011	3893	3873	3953	3776	3676	3563
5400	4077	3970	3950	4022	3853	3755	3662
5600	4139	4035	4017	4095	3930	3828	3760
5800	4196	4096	4076	4164	3997	3898	3774
6000	4246	4153	4129	4233	3959	3963	3862
6200	4298	4206	4185	4294	4033	4027	3907
6400	4346	4256	4239	4349	4104	4087	3960
6600	4392	4303	4287	4395	4139	4127	4029
6800	4432	4347	4331	4438	4243	4176	4087
7000	4471	4386	4377	4475	4267	4222	4133

VARIABLE FILTER 997.11.50 II

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