997-11-50 **AGIP**

OFFSHORE ITALIA
ZONA F

NW 1224 — **LINEA F-75-16** — SE 591

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion ←

602 Date: JUNE 3 .76 Checked RM

PROCESSING
SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPC(stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
widest 500 - 2300 ms / Below
1900 - 3600 ms sea bottom
5 VELOCITY ANALYSIS (YA)
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: DEC / 1975
Field recorder SN 338 filter VB-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
48 Fold coverage
Energy source VAPORCHOC (Depth 6 m)
SP 1rs Streamer 1/48
310 m SHORAN positioning

00103

F 76 39 / 176 — F 75 41 / 171

YA

Water depth in meters

NO SOUNDINGS

TWT

1224 1210 1200 1190 1180 1170 1160 1150 1140 1130 1120 1110 1100 1090 1080 1070 1060 1050 1040 1030 1020 1010 1000 990 980 970 960 950 940 930 920 910 900 890 880 870 860 850 840 830 820 810 800 790 780 770 760 750 740 730 720 710 700 690 680 670 660 650 640 630 620 610 600 591

TWT	*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 *
	1211* 1225*	1170* 1176*	1030* 1036*	927* 927*	801* 801*	693* 693*	586* 586*
	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*
000							
200	1560	1500	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500	1500	1500
600	1567	1570	1541	1563	1500	1500	1500
800	1632	1658	1610	1663	1529	1538	1534
1000	1765	1766	1634	1772	1614	1633	1594
1200	1856	1845	1683	1852	1714	1709	1671
1400	1905	1906	1769	1899	1784	1777	1753
1600	1941	2005	1876	1931	1918	1900	1836
1800	2174	2174	2005	2097	2089	2017	1927
2000	2377	2383	2164	2229	2380	2172	2109
2200	2680	2554	2326	2526	2679	2447	2368
2400	2999	2751	2456	2807	2946	2711	2624
2600	3276	2999	2734	3052	3207	2939	2836
2800	3514	3257	2972	3305	3449	3201	3105
3000	3719	3479	3205	3525	3659	3427	3338
3200	3899	3674	3421	3717	3843	3626	3542
3400	4058	3847	3608	3887	4005	3800	3722
3600	4199	3999	3774	4037	4149	3956	3881
3800	4326	4136	3923	4172	4278	4095	4024
4000	4439	4259	4057	4294	4394	4220	4153
4200	4542	4371	4178	4403	4499	4334	4270
4400	4636	4472	4288	4503	4595	4437	4376
4600	4721	4565	4389	4594	4682	4531	4472
4800	4799	4649	4481	4678	4762	4617	4561
5000	4871	4727	4565	4755	4839	4696	4642
5200	4938	4799	4644	4826	4903	4769	4718
5400	4999	4866	4716	4891	4966	4837	4787
5600	5057	4926	4783	4952	5024	4900	4852
5800	5110	4980	4846	5009	5079	4959	4912
6000	5159	5039	4904	5062	5129	5013	4969
6200	5206	5090	4959	5112	5177	5065	5021
6400	5249	5137	5010	5156	5221	5113	5071

VARIABLE FILTER
997.11.50 VII
Frequency in Hz
2 3 4 5 6 8 10 15 20 30 40 60
11 — 60
9 — 38