997-11-50 **AGIP**

OFFSHORE ITALIA

ZONA F

SW 600 — LINEA F-76-29 — NE 1

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

675 | Date: JUNE 21/76 | Checked

PROCESSING SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPC (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 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: JAN/1976
Field recorder SN 338 filter V8 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 1 Streamer 48
210m SHORAN positioning

00154

F 76 06 5622

NO SOUNDINGS

Water depth in meters

TWT 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

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 *
	* 705* 705*	* 597* 597*	* 475* 475*	* 353* 303*	* 243* 243*	* 123* 123*	* 1* 2*
	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	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	1500	1500	1500	1500	1500	1500	1500
1400	1500	1500	1500	1500	1500	1500	1500
1600	1523	1517	1529	1527	1523	1516	1519
1800	1546	1561	1567	1563	1554	1543	1544
2000	1601	1603	1623	1610	1608	1596	1593
2200	1668	1695	1717	1700	1678	1657	1692
2400	1723	1782	1800	1782	1761	1738	1789
2600	1842	1659	1869	1863	1671	1854	1868
2800	1942	1932	1951	1963	1980	1966	1969
3000	2040	2015	2043	2100	2076	2070	2076
3200	2143	2111	2213	2266	2189	2220	2159
3400	2305	2232	2426	2476	2366	2391	2283
3600	2510	2442	2625	2671	2568	2591	2496
3800	2694	2629	2803	2847	2749	2771	2674
4000	2859	2797	2962	3004	2911	2932	2841
4200	3009	2950	3107	3147	3058	3076	2991
4400	3145	3089	3236	3277	3192	3211	3126
4600	3269	3215	3359	3395	3314	3332	3253
4800	3383	3331	3469	3503	3426	3443	3367
5000	3487	3438	3570	3603	3529	3546	3472
5200	3584	3536	3663	3695	3624	3640	3570
5400	3673	3628	3750	3781	3712	3727	3660
5600	3757	3712	3830	3860	3794	3809	3743
5800	3834	3791	3905	3934	3870	3884	3821
6000	3906	3865	3975	4003	3941	3955	3894
6200	3974	3934	4040	4067	4007	4021	3962
6400	4037	3998	4101	4127	4069	4082	4025

VARIABLE FILTER

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Frequency in Hz

0 5 10 15 20 25 30 35 40 45 50 55 60

11 9 48