997-11-50 **AGIP**

OFFSHORE ITALIA

ZONA F

NW 3430 — LINEA F-76-10 — SE 3999

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

699 | Date: JUNE 22..76 | Checked MV

PROCESSING SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPC (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 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 GLORITA TIDE Shooting date: JAN / 1976
Field recorder SN 338 filter V8.125
Floating point - sampling 4 ms
Streamer 2400 m (Depth 18 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
340 m
SHORAN positioning

F76.17 1217

00058

F7619 1550

Water depth in meters

NO SOUNDINGS

3430 3440 3450 3460 3470 3480 3490 3500 3510 3520 3530 3540 3550 3560 3570 3580 3590 3600 3610 3620 3630 3640 3650 3660 3670 3680 3690 3700 3710 3720 3730 3740 3750 3760 3770 3780 3790 3800 3810 3820 3830 3840 3850 3860 3870 3880 3890 3900 3910 3920 3930 3940 3950 3960 3970 3980 3990 3999

TWT

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

*FROM SP * TO SP * FROM SP * TO SP * FROM SP * TO SP * FROM SP * TO SP * FROM SP * TO SP *
* 3407 * 3527 * 3651 * 3767 * 3885 * 4007 *
* 3407 * 3527 * 3651 * 3767 * 3885 * 4067 *
*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 *

TWT						
000	1500	1500	1500	1500	1500	1500
200	1500	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500	1500
600	1500	1500	1500	1500	1500	1500
800	1500	1500	1500	1500	1500	1500
1000	1500	1500	1500	1500	1500	1500
1200	1500	1500	1500	1500	1500	1500
1400	1542	1500	1500	1500	1500	1500
1600	1614	1552	1551	1565	1538	1520
1800	1687	1592	1616	1663	1584	1546
2000	1735	1634	1662	1746	1633	1565
2200	1766	1670	1680	1788	1673	1665
2400	1805	1730	1740	1831	1765	1733
2600	1928	1826	1803	1861	1829	1843
2800	2006	1955	1966	1996	1961	1956
3000	2038	2162	2115	2126	2120	2171
3200	2456	2401	2370	2264	2239	2391
3400	2664	2613	2633	2484	2497	2589
3600	2650	2801	2820	2679	2775	2864
3800	3015	2970	2988	2854	2945	3043
4000	3165	3121	3138	3011	3098	3191
4200	3300	3256	3275	3153	3236	3325
4400	3422	3388	3396	3283	3362	3446
4600	3534	3496	3512	3401	3476	3557
4800	3637	3602	3615	3509	3581	3659
5000	3732	3697	3711	3609	3678	3753
5200	3819	3785	3799	3701	3767	3839
5400	3900	3867	3880	3786	3850	3919
5600	3975	3943	3956	3865	3927	3993
5800	4044	4014	4026	3938	3998	4063
6000	4110	4081	4092	4007	4065	4127
6200	4170	4142	4154	4071	4127	4186
6400	4226	4200	4211	4132	4186	4244
6600	4281	4255	4265	4186	4241	4297

VARIABLE FILTER

997.11.50 VII

Frequency in Hz

0 10 20 30 40 50 60 70 80

11 60

9 48