997-11-50 **AGIP**

OFFSHORE ITALIA
ZONA F

NW 2268 **LINEA F.75.58** SE 1466

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

449 Date: APRIL 8 .76 Checked

PROCESSING SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPC-stabilization by vaporchoc signal
3 MUTING
4 DECONVOLUTION 240 ms
WIDEBAND 500 2300 ms ↓ Below
1900 2600 ms Sea bottom
5 VELOCITY ANALYSIS 1KL
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 FIDE Shooting date NOV 1975
Field recorder SN 338 filter VR 125
Floating point, sampling 4 ms
Streamer 2400 m (Depth 10 m)
groups 48 (group interval 50 m)
Geophones type HC 201 n° 48 / group
48 fold coverage
Energy source VAPORCHOC (Depth 4 m)
SP 51 Streamer 146
2304 MOTOROLA positioning

00269

F.75.087S 2151

F.75.095 1749

NO SOUNDINGS

Water depth in meters

TWT 2260 2250 2240 2230 2220 2210 2200 2190 2180 2170 2160 2150 2140 2130 2120 2110 2100 2090 2080 2070 2060 2050 2040 2030 2020 2010 2000 1990 1980 1970 1960 1950 1940 1930 1920 1910 1900 1890 1880 1870 1860 1850 1840 1830 1820 1810 1800 1790 1780 1770 1760 1750 1740 1730 1720 1710 1700 1690 1680 1670 1660 1650 1640 1630 1620 1610 1600 1590 1580 1570 1560 1550 1540 1530 1520 1510 1500 1490 1480 1470 1460

TWT	SPFROM 7416* TO SP 1 *AV.VEL 1500	SPFROM 2206* TO SP 1 *AV.VEL 1500	SPFROM 2179* TO SP 1 *AV.VEL 1500	SPFROM 2059* TO SP 1 *AV.VEL 1500	SPFROM 1939* TO SP 1 *AV.VEL 1500	SPFROM 1819* TO SP 1 *AV.VEL 1500	SPFROM 1699* TO SP 1 *AV.VEL 1500	SPFROM 1579* TO SP 1 *AV.VEL 1500	SPFROM 1459* TO SP 1 *AV.VEL 1500
000	1500	1500	1500	1500	1500	1500	1500	1500	1500
200	1500	1500	1500	1500	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500	1500	1500	1500	1500
600	1505	1521	1502	1500	1500	1500	1500	1500	1500
800	1507	1529	1501	1501	1502	1526	1519	1512	1521
1000	1550	1558	1578	1558	1531	1588	1591	1567	1587
1200	1735	1727	1734	1737	1673	1644	1641	1642	1671
1400	1705	1754	1773	1769	1782	1684	1682	1707	1753
1600	1855	1867	1881	1859	1876	1750	1743	1822	1787
1800	1980	1943	1964	1840	1837	1835	1874	1898	1885
2000	2075	2027	2031	1942	1893	1958	1917	1979	1969
2200	2147	2079	2092	2025	1965	2053	1994	2068	2050
2400	2254	2132	2180	2123	2025	2178	2131	2154	2189
2600	2350	2231	2277	2254	2167	2235	2283	2254	2337
2800	2449	2385	2397	2417	2296	2278	2417	2417	2521
3000	2529	2382	2581	2551	2408	2546	2554	2558	2681
3200	2707	2488	2672	2649	2473	2571	2757	2681	2821
3400	2974	2549	2862	2739	2660	2740	2935	2865	2967
3600	3171	2730	3025	2898	2863	2910	3095	3026	3121
3800	3271	2902	3171	3058	2990	3063	3219	3174	3260
4000	3396	3037	3302	3148	3130	3199	3366	3305	3369
4200	3512	3169	3421	3317	3265	3373	3482	3426	3504
4400	3616	3288	3529	3429	3381	3436	3587	3532	3608
4600	3711	3397	3629	3529	3486	3517	3683	3630	3703
4800	3798	3497	3719	3623	3587	3633	3771	3721	3791
5000	3879	3590	3802	3715	3671	3719	3852	3804	3873
5200	3957	3674	3879	3791	3753	3799	3927	3881	3945
5400	4022	3757	3953	3855	3820	3873	3997	3952	4014
5600	4084	3829	4035	3924	3885	3947	4061	4018	4078
5800	4147	3896	4107	3988	3964	4026	4121	4079	4137
6000	4198	3958	4175	4056	4026	4086	4177	4137	4192

VARIABLE FILTER
OFF 3150 ON
Frequency in Hz
5 10 15 20 25 30 40 50 60 80 100 120 150 200 250 300 400 500 600 800 1000 1200 1500 2000 2500 3000 4000 5000 6000 8000 10000 12000 15000 20000 25000 30000 40000 50000 60000 80000 100000 120000 150000 200000 250000 300000 400000 500000 600000 800000 1000000 1200000 1500000 2000000 2500000 3000000 4000000 5000000 6000000 8000000 10000000 12000000 15000000 20000000 25000000 30000000 40000000 50000000 60000000 80000000 100000000 120000000 150000000 200000000 250000000 300000000 400000000 500000000 600000000 800000000 1000000000 1200000000 1500000000 2000000000 2500000000 3000000000 4000000000 5000000000 6000000000 8000000000 10000000000 12000000000 15000000000 20000000000 25000000000 30000000000 40000000000 50000000000 60000000000 80000000000 100000000000 120000000000 150000000000 200000000000 250000000000 300000000000 400000000000 500000000000 600000000000 800000000000 1000000000000 1200000000000 1500000000000 2000000000000 2500000000000 3000000000000 4000000000000 5000000000000 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