997-11-50 **AGIP**

OFFSHORE ITALIA
ZONA F

NW 1273 — LINEA F-76-10 — SE 1819

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

695 Date: JUNE 22,76 Checked

PROCESSING
SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPCO (stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
windows 500 - 2300 ms / 1900 - 3600 ms } Below 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 VB 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 Tr1 Streamer Tr48
340 m SHORAN positioning

00054

F76.07 1173 — F76.09 487

Water depth in meters

NO SOUNDINGS

TWT	FROM SP TO SP 1276 AV.VEL. IN M/S	FROM SP TO SP 1360 AV.VEL. IN M/S	FROM SP TO SP 1482 AV.VEL. IN M/S	FROM SP TO SP 1600 AV.VEL. IN M/S	FROM SP TO SP 1724 AV.VEL. IN M/S	FROM SP TO SP 1856 AV.VEL. IN M/S
000						
200	1500	1500	1500	1500	1500	1500
400	1584	1500	1500	1500	1500	1500
600	1706	1795	1572	1549	1548	1500
800	2029	1938	1678	1668	1672	1644
1000	2267	2059	1829	1764	1744	1784
1200	2515	2146	2002	1979	1959	1931
1400	2693	2350	2161	2162	2119	2095
1600	3326	2512	2313	2279	2207	2192
1800	3689	2620	2550	2434	2275	2302
2000	3980	2862	2743	2580	2450	2612
2200	4219	3202	2904	2827	2673	2865
2400	4417	3485	3146	2933	2975	3107
2600	4585	3725	3412	3022	3231	3330
2800	4729	3930	3640	3257	3450	3521
3000	4853	4108	3837	3459	3640	3686
3200	4963	4264	4010	3637	3806	3830
3400	5059	4401	4162	3794	3953	3958
3600	5144	4523	4297	3933	4083	4071
3800	5221	4632	4418	4057	4200	4173
4000	5290	4731	4528	4169	4305	4264
4200	5352	4820	4626	4271	4400	4347
4400	5409	4901	4716	4363	4486	4422
4600	5461	4975	4798	4447	4565	4491
4800	5508	5042	4873	4524	4637	4553
5000	5552	5105	4942	4595	4704	4611
5200	5592	5162	5006	4661	4765	4665
5400	5629	5215	5065	4722	4822	4714
5600	5664	5265	5120	4778	4875	4760
5800	5696	5311	5171	4830	4924	4803

VARIABLE FILTER
997.11.50 VII
Frequency in Hz
10 20 30 40 50 60 70 80
11 60