997-11-50 **AGIP**

OFFSHORE ITALIA
ZONA F

NW 1 — **LINEA F-75-48** — SE 680

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

363 | Date: FEB 23 76 | Checked

PROCESSING SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPO (stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
window: 500 - 2300 ms ↓ Below
1900 - 3600 ms Near 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: 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 m)
SP Trs Streamer Trail
3204 3204 MOTOROLA positioning

00223

F75.089 2598

F75.087 2298

NO SOUNDINGS

Water depth in meters TWT

TWT	*DAB *	*FROM SP*	*FROM SP*	*FROM SP*	*FROM SP*	*FROM SP*	*FROM SP*
	* 1*	120*	226*	344*	462*	557*	642*
	* TO SP *	TO SP *	TO SP *	TO SP *	TO SP *	TO SP *	TO SP *
	* 44*	120*	226*	344*	520*	557*	680*
	AV.VEL	*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*	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	1565	1546	1527	1508	1500	1500	1500
1000	1613	1602	1568	1605	1500	1500	1500
1200	1648	1669	1612	1671	1614	1560	1500
1400	1773	1753	1657	1714	1715	1590	1500
1600	1932	1873	1802	1805	1833	1651	1502
1800	2264	1995	1939	1947	1974	1816	1522
2000	2500	2165	2071	2123	2153	2001	1645
2200	2799	2413	2268	2278	2393	2162	1764
2400	3058	2717	2440	2558	2578	2315	1894
2600	3269	2999	2747	2787	2827	2531	2133
2800	3449	3199	2921	2768	3049	2870	2463
3000	3606	3373	3093	2914	3233	3093	2782
3200	3743	3524	3262	3093	3393	3262	2966
3400	3864	3658	3411	3253	3535	3411	3144
3600	3973	3777	3544	3394	3661	3544	3291
3800	4069	3884	3663	3521	3773	3663	3423
4000	4154	3979	3769	3635	3874	3769	3542
4200	4233	4066	3866	3738	3966	3866	3649
4400	4304	4145	3954	3831	4049	3954	3747
4600	4369	4217	4034	3917	4126	4034	3836
4800	4429	4283	4108	3995	4195	4108	3918
5000	4483	4343	4175	4068	4259	4175	3993
5200	4534	4399	4238	4134	4319	4238	4063
5400	4581	4451	4296	4196	4374	4296	4127
5600	4624	4499	4349	4253	4424	4349	4187
5800	4665	4544	4399	4307	4472	4399	4243
6000	4703	4586	4446	4356	4516	4446	4294
6200	4738	4625	4490	4403	4556	4490	4343
6400	4771	4662	4531	4446	4596	4531	4389
6600	4802	4696	4569	4487	4637	4569	4431
6800	4832	4729	4605	4526	4667	4605	4472
7000	4859	4759	4639	4562	4699	4639	4509

VARIABLE FILTER
997-11-50
Frequency in Hz
2 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120