997-11.50 **AGIP**

OFFSHORE ITALIA
ZONA F

SW 720 **LINEA F.75-93** NE 1

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

403 Date: MARCH 18-76 Checked P.C.

PROCESSING
SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 MATCH (stabilization by sqrt(chc signal))
3 MUTING
4 DECONVOLUTION 240 ms
window: 500 - 2300 ms / Below 1900 - 3600 ms Sea bottom
5 VELOCITY ANALYSIS (XA)
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 DEC 1975
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 nr 48 / group
48 Fold coverage
Energy source VAPORCHOC (Depth 1 m) Streamer 7-48
330 m MOTOROLA positioning

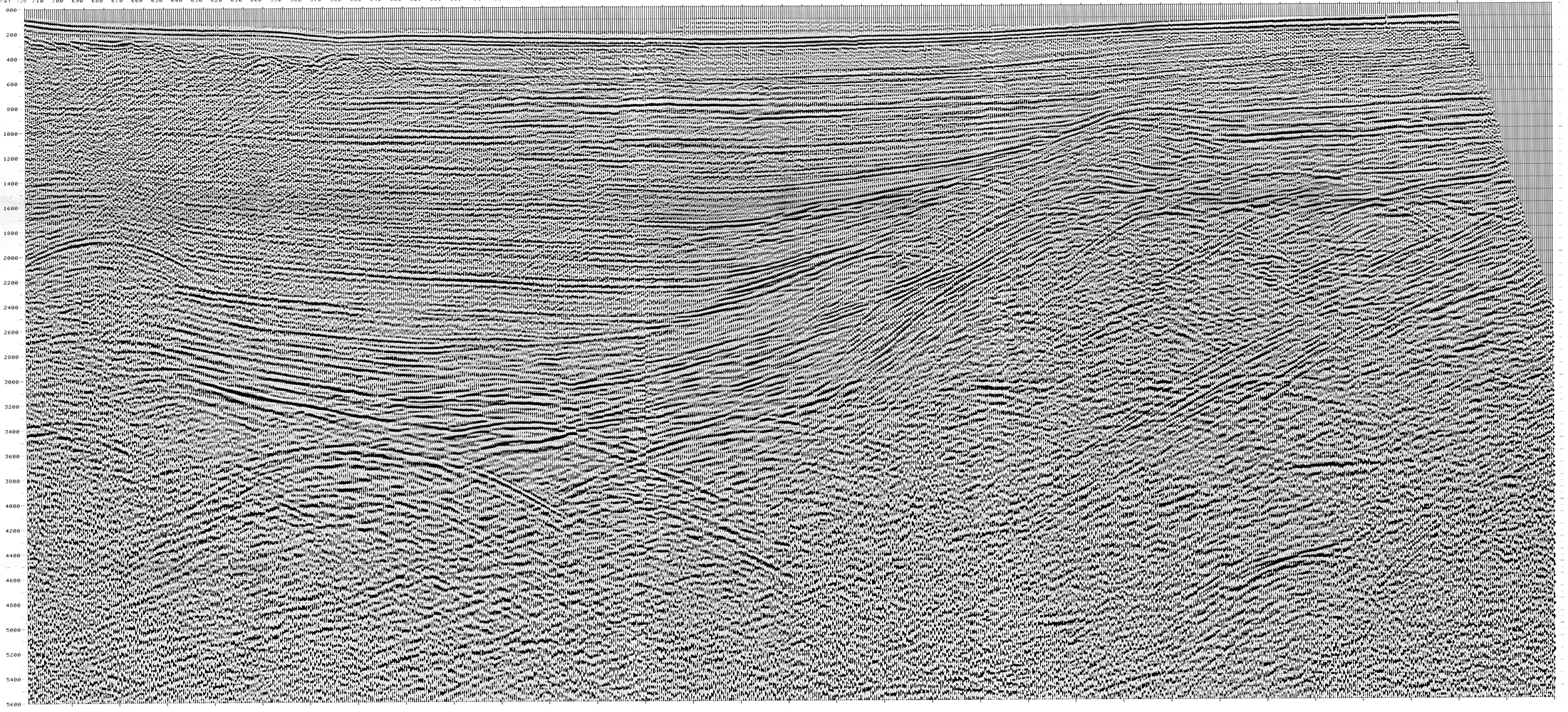
00354

F75.058A 2935

F75.056B-A 3155

Water depth in meters 96 120 133 141 157 193 204 211 215 222 215 195 159 142 120 102 98 82

TWT 720 710 700 690 680 670 660 650 640 630 620 610 600 590 580 570 560 550 540 530 520 510 500 490 480 470 460 450 440 430 420 410 400 390 380 370 360 350 340 330 320 310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 1



TWT	*F93 *FROM SP* TO SP * 720*	*FROM SP* TO SP * 954*	*FROM SP* TO SP * 280*	*FROM SP* TO SP * 248*	*FROM SP* TO SP * 171*	*FROM SP* TO SP * 1*
	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	1508	1508	1508	1508	1508	1656
400	1629	1646	1638	1591	1619	1735
600	1724	1714	1701	1645	1659	1780
800	1796	1775	1732	1717	1775	1835
1000	1840	1880	1752	1846	1870	1916
1200	1954	1965	1837	1936	1954	1992
1400	2035	2039	1974	2003	2014	2053
1600	2096	2094	2094	2086	2126	2133
1800	2169	2170	2169	2214	2249	2448
2000	2265	2238	2261	2328	2515	2746
2200	2344	2304	2346	2426	2700	2999
2400	2484	2369	2468	2624	2824	3102
2600	2643	2425	2596	3029	2929	3184
2800	2779	2503	2710	3209	3019	3253
3000	2988	2599	2813	3364	3151	3341
3200	3161	2703	3015	3499	3316	3495
3400	3314	2795	3467	3635	3462	3630
3600	3449	2950	3596	3755	3592	3751
3800	3573	3298	3717	3863	3709	3859
4000	3684	3472	3817	3959	3813	3956
4200	3785	3581	3911	4047	3908	4044
4400	3877	3682	3997	4127	3994	4123
4600	3960	3774	4079	4199	4072	4196
4800	4037	3858	4147	4266	4144	4263
5000	4107	3936	4213	4327	4210	4324
5200	4173	4008	4274	4384	4271	4381
5400	4233	4074	4331	4437	4328	4434
5600	4289	4136	4383	4485	4381	4483

VARIABLE FILTER
997-11.50
II
Frequency in Hz