997-11-50 **AGIP**

OFFSHORE ITALIA
ZONA F

SW 470 — LINEA F-75-91 — NE 984

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE
6, Rue Galvani - 91021 - MASSY - FRANCE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

409 | Date: MARCH 2576 | Checked RG

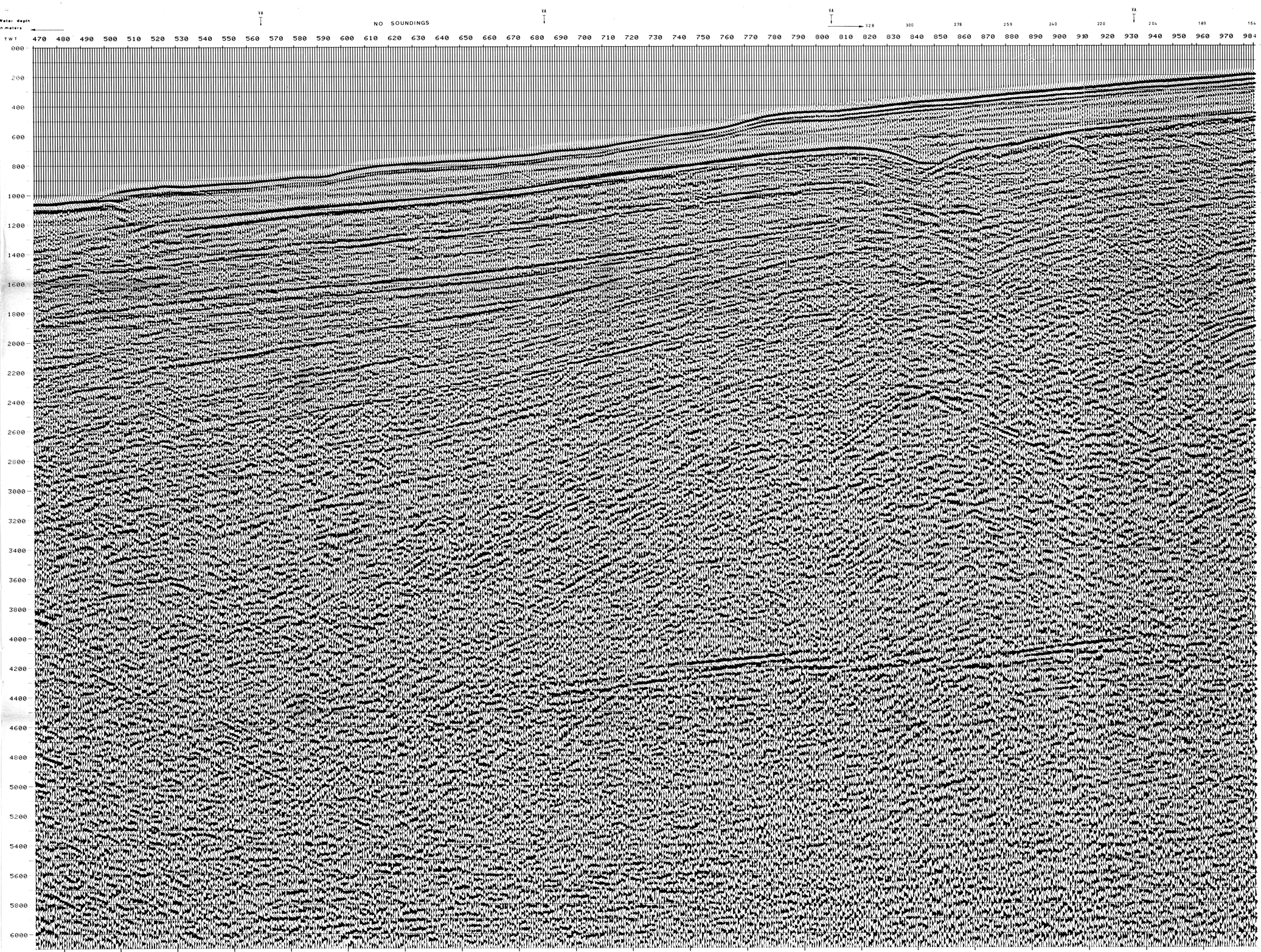
PROCESSING
SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPCO (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: DEC/1975
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 Tr1 Streamer Tr48
320 m MOTOROLA positioning

00353



TWT	FROM SP 410 TO SP 454 AV. VEL. IN M/S	FROM SP 565 TO SP 565 AV. VEL. IN M/S	FROM SP 685 TO SP 685 AV. VEL. IN M/S	FROM SP 805 TO SP 805 AV. VEL. IN M/S	FROM SP 933 TO SP 984 AV. VEL. IN M/S
200	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1657
600	1500	1500	1500	1799	1989
800	1500	1500	1579	2275	2506
1000	1500	1592	1794	2651	2902
1200	1715	1765	2545	3250	3291
1400	1914	2241	3292	3500	3535
1600	2137	2619	3680	3687	3718
1800	2420	2962	3829	3833	3861
2000	2813	3177	3948	3949	3974
2200	3045	3345	4081	4081	4122
2400	3208	3485	4224	4224	4262
2600	3346	3604	4346	4346	4380
2800	3464	3706	4449	4449	4482
3000	3566	3794	4539	4539	4569
3200	3656	3871	4618	4618	4646
3400	3735	3939	4688	4688	4714
3600	3805	3999	4749	4749	4774
3800	3868	4094	4805	4805	4828
4000	3924	4179	4854	4854	4877
4200	3976	4257	4899	4899	4921
4400	4040	4327	4940	4940	4961
4600	4117	4391	4978	4978	4997
4800	4187	4449	5012	5012	5031
5000	4251	4503	5043	5043	5061
5200	4311	4553	5073	5073	5090
5400	4366	4599	5099	5099	5116
5600	4417	4642	5124	5124	5141
5800	4465	4682	5148	5148	5163
6000	4509	4719	5169	5169	5184

VARIABLE FILTER
997-11-50
II
Frequency in Hz
6 60