997-11-50

AGIP

OFFSHORE ITALIA
ZONA F

NW 1096 — LINEA F-75-20 — SE 530

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE
(A. Ex. Compagnie Générale de Géophysique)

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

541 | Date: MAY 11 ,76 | Checked RMG

PROCESSING
SAMPLING RATE 4 ms

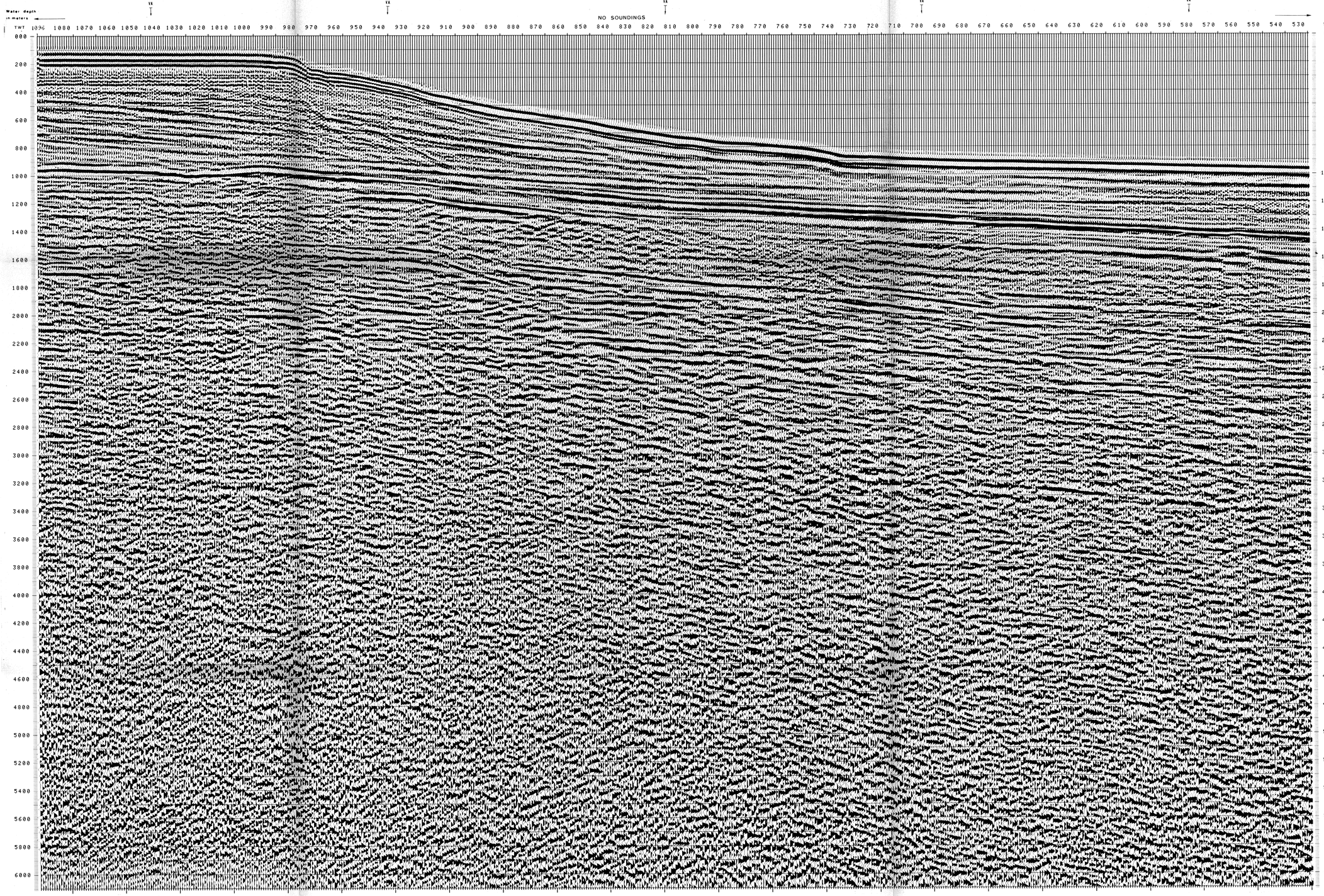
1 AMPLITUDE RECOVERY
2 WAPCO (stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
windows 500 - 2300 ms / Below
1900 - 3600 ms (sea bottom)
5 VELOCITY ANALYSIS (VA)
6 NMO CORRECTIONS
(LINEAR INTERPOLATION BETWEEN VELOCITY FUNCTIONS)
7 STACK 4800 %
8 TIME VARIANT FILTER (Origin sea bottom)
9 TRACE EQUALIZATION
10 ANALOG DISPLAY

FIELD RECORDING
SAMPLING RATE 4 ms

Ship GLORITA TIDE Shooting date: DEC/1975
Field recorder SN 338 filter 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 6 m)
SP Tr1 Streamer Tr48
310 m SHORAN positioning

00127

F.75.045
718



TWT	FROM SP TO SP 996 1096	FROM SP TO SP 939 1080	FROM SP TO SP 815 1070	FROM SP TO SP 701 1060	FROM SP TO SP 582 1050	FROM SP TO SP 467 1040
	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	1533	1500	1500	1500	1500	1500
400	1751	1500	1500	1500	1500	1500
600	1936	1618	1500	1500	1500	1500
800	2059	1770	1598	1500	1500	1500
1000	2208	1969	1734	1562	1561	1505
1200	2639	2113	1862	1631	1602	1530
1400	2968	2474	2202	1739	1631	1658
1600	3197	2759	2485	1985	1774	1775
1800	3575	3117	2721	2369	2043	1949
2000	3878	3477	3096	2640	2346	2156
2200	4125	3761	3415	2834	2796	2400
2400	4331	3997	3680	3110	3113	2796
2600	4506	4197	3905	3379	3381	3182
2800	4659	4369	4097	3609	3611	3426
3000	4785	4518	4264	3808	3810	3638
3200	4898	4648	4410	3982	3985	3823
3400	4999	4763	4539	4136	4139	3986
3600	5087	4865	4653	4273	4275	4131
3800	5167	4956	4756	4396	4398	4261
4000	5239	5038	4848	4506	4508	4378
4200	5307	5112	4931	4606	4607	4484
4400	5362	5180	5007	4696	4698	4580
4600	5416	5242	5076	4779	4781	4668
4800	5465	5299	5140	4855	4856	4748
5000	5511	5350	5198	4925	4926	4822
5200	5553	5398	5252	4989	4990	4891
5400	5591	5443	5302	5049	5050	4954
5600	5627	5484	5348	5104	5105	5013
5800	5661	5523	5392	5156	5157	5068
6000	5692	5559	5432	5204	5205	5119

VARIABLE FILTER
997-11-50 IV
Frequency in Hz
12 20 25 30 35 40 50 60
8 40
8 36