997-11-69 **AGIP**

OFFSHORE ITALIA
ZONA F

NW 456 — LINEA F-76-143 — SE 1

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

473 | Date: APRIL 20.76 | Checked: MW

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: POLAR BJORN Shooting date: FEB /1976
Field recorder: SN338B filter: 1/8-125
floating point sampling: 4 ms
Streamer: 2400 m (Depth 15 m)
groups: 48 (group interval: 50 m)
Geophones type: HC 201 n° 48 / group
48 Fold coverage
Energy source: VAPORCHOC (Depth 5 m)
SP tr 1 Streamer tr 48
330 m MOTOROLA positioning

00460

F76.074C 180

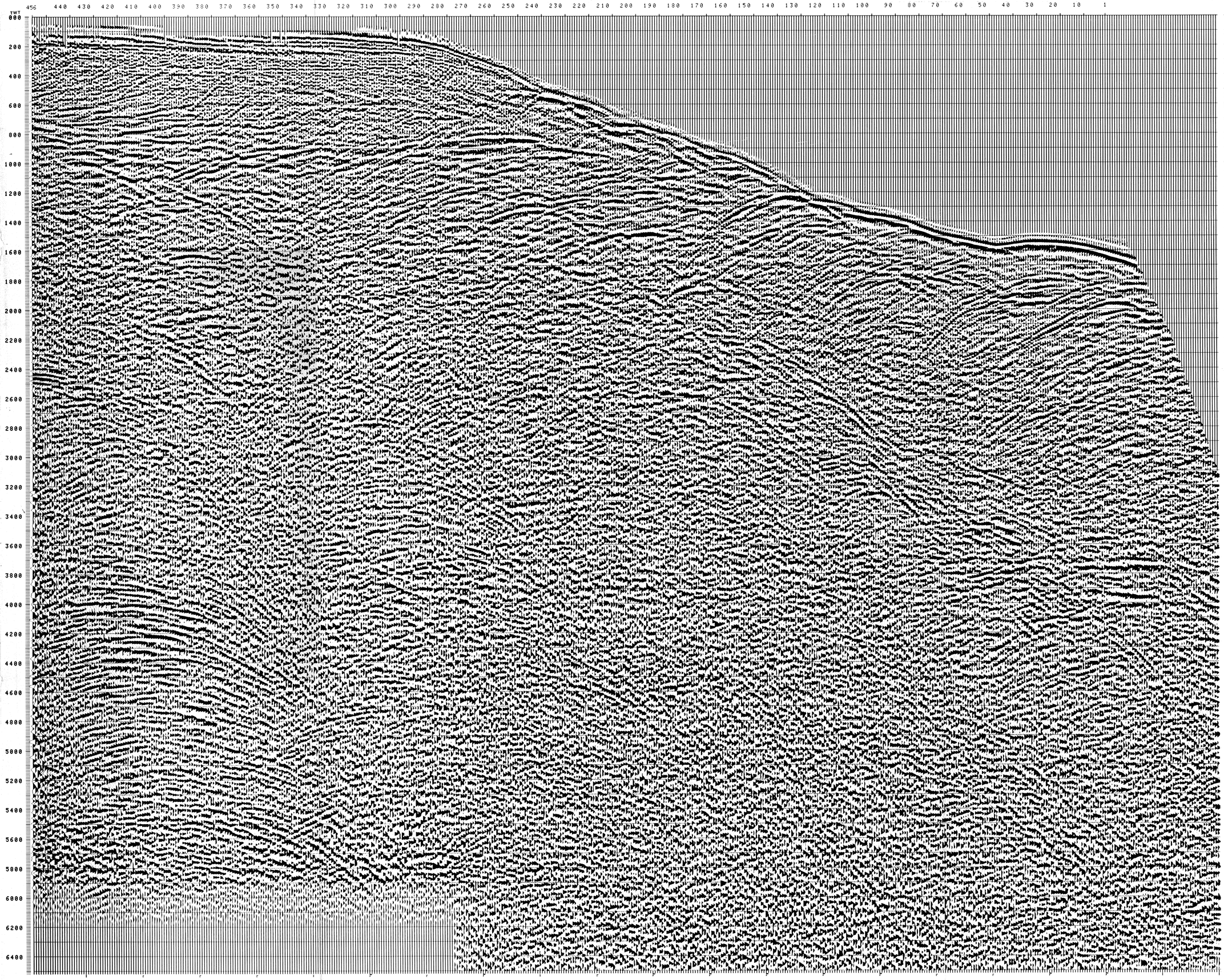
F76.072C 279

Water depth in meters

VA

NO SOUNDINGS

456 440 430 420 410 400 390 380 370 360 350 340 330 320 310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 1



TWT	FROM SP TO SP 456	FROM SP TO SP 333	FROM SP TO SP 267	FROM SP TO SP 158	FROM SP TO SP 1 27
	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
200		1789	1500	1500	1500
400		2246	1679	1500	1500
600		2428	1668	1500	1500
800		2537	1877	1500	1500
1000		2649	2049	1500	1500
1200		3041	2207	1641	1500
1400		3361	2319	1766	1500
1600		3601	2531	1879	1521
1800		3816	2808	1975	1566
2000		4014	3088	2084	1664
2200		4177	3335	2191	1777
2400		4312	3540	2479	1884
2600		4426	3714	2749	2030
2800		4524	3863	2967	2207
3000		4609	3992	3156	2413
3200		4684	4105	3321	2600
3400		4749	4205	3467	2788
3600		4808	4293	3597	2956
3800		4860	4373	3713	3105
4000		4907	4444	3817	3240
4200		4949	4508	3911	3362
4400		4988	4567	3997	3473
4600		5023	4621	4076	3574
4800		5056	4670	4147	3667
5000		5085	4715	4213	3752
5200		5113	4757	4274	3831
5400		5138	4795	4331	3904
5600		5162	4831	4383	3971
5800		5184	4865	4432	4034
6000		5204	4896	4478	4093
6200		5224	4925	4520	4148
6400		5242	4952	4560	4200

VARIABLE FILTER
997 11 69
VI

Frequency in Hz
0 20 40 60 80

11 55

9 35