997-11-69 **AGIP**

OFFSHORE ITALIA
ZONA F

SW 400 — LINEA F-76-151 — NE 1

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

517 | Date: MAY 3 .76 | Checked RJG

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
48Fold coverage
Energy source VAPORCHOC (Depth 5 m)
SP tr 1 — Streamer — tr48
330m MOTOROLA positioning

00404

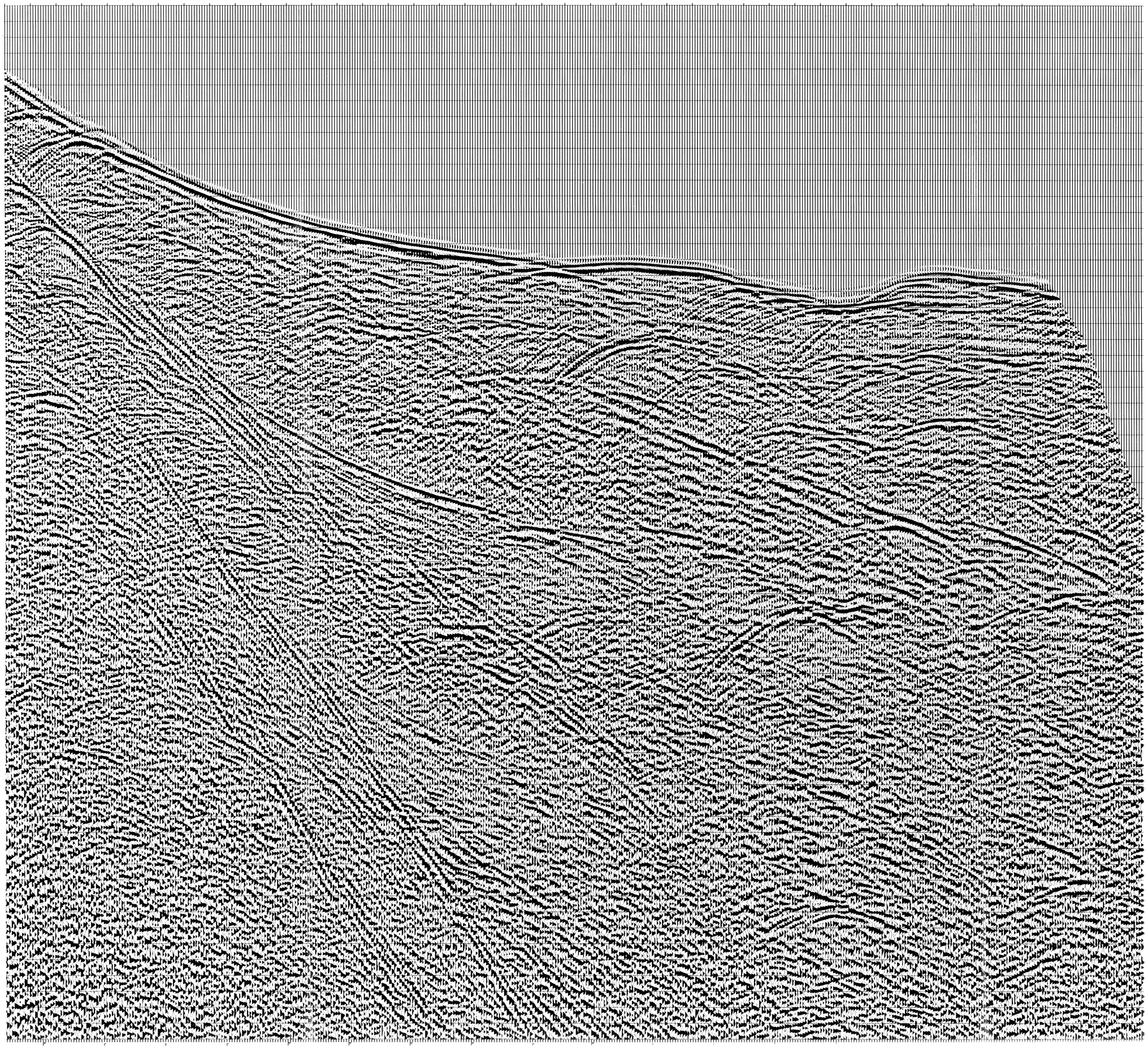
F-76.074B 479 — F-76.072A 490 — F-76.072B 7

VA

Water depth in meters

NO SOUNDINGS

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 395 TO SP 400	FROM SP 354 TO SP 354	FROM SP 253 TO SP 253	FROM SP 159 TO SP 161	FROM SP 1 TO SP 45
	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	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500
600	1676	1500	1500	1500	1500
800	1838	1500	1500	1500	1500
1000	2030	1562	1500	1500	1500
1200	2122	1760	1500	1500	1500
1400	2195	1867	1500	1500	1500
1600	2249	1968	1593	1500	1500
1800	2596	2093	1664	1549	1523
2000	2873	2193	1773	1617	1571
2200	3099	2423	1960	1687	1607
2400	3341	2623	2168	1837	1681
2600	3546	2799	2402	1966	1746
2800	3721	3054	2650	2119	1804
3000	3873	3274	2891	2309	1866
3200	4006	3447	3093	2439	2067
3400	4123	3597	3264	2538	2233
3600	4227	3731	3416	2623	2364
3800	4321	3850	3552	2699	2482
4000	4404	3958	3674	2864	2614
4200	4480	4055	3785	3014	2775
4400	4549	4143	3886	3149	2922
4600	4613	4224	3978	3273	3056
4800	4670	4298	4062	3387	3178
5000	4723	4366	4139	3491	3291
5200	4773	4429	4211	3588	3395
5400	4818	4487	4277	3677	3492
5600	4860	4541	4339	3760	3581
5800	4899	4591	4396	3837	3665
6000	4936	4638	4449	3909	3743
6200	4970	4682	4500	3977	3813
6400	5003	4723	4546	4040	3884

VARIABLE FILTER
997 11 69
VI
Frequency in Hz
11 55
9 35