997-11-69 **AGIP**

OFFSHORE ITALIA

ZONA F

NW 5888 — LINEA F-76-04 — SE 5458

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion ←

745 | Date: JUNE 25.76 | Checked

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 19 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 tr 48
332m **DOPPLER** positioning

00019

F76.01 468

VA VA VA VA

Water depth in meters: 192 198 205 210 211 212 216 220 227

TWT 5888 5870 5860 5850 5840 5830 5820 5810 5800 5790 5780 5770 5760 5750 5740 5730 5720 5710 5700 5690 5680 5670 5660 5650 5640 5630 5630 5610 5600 5590 5580 5570 5560 5550 5540 5530 5520 5510 5500 5490 5480 5470 5458

TWT	FROM SP TO SP 5836	FROM SP TO SP 5716	FROM SP TO SP 5596	FROM SP TO SP 5475	FROM SP TO SP 5356
	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	1558	1536	1566	1535	1531
600	1729	1576	1699	1644	1598
800	1965	1866	1687	1764	1767
1000	2160	2031	2046	2007	1911
1200	2314	2236	2222	2225	2178
1400	2545	2433	2499	2460	2369
1600	2919	2767	2746	2661	2599
1800	3326	2993	2999	2922	2940
2000	3659	3359	3359	3290	3270
2200	3923	3654	3654	3591	3572
2400	4146	3899	3899	3842	3825
2600	4335	4107	4107	4054	4038
2800	4496	4285	4285	4236	4221
3000	4637	4439	4439	4393	4380
3200	4759	4574	4574	4531	4518
3400	4868	4694	4694	4653	4641
3600	4964	4799	4799	4761	4750
3800	5050	4894	4894	4858	4847
4000	5127	4979	4979	4945	4935
4200	5197	5057	5057	5024	5014
4400	5261	5127	5127	5095	5086
4600	5319	5191	5191	5161	5152
4800	5373	5249	5249	5221	5212
5000	5422	5303	5303	5276	5268
5200	5467	5353	5353	5327	5319
5400	5509	5399	5399	5374	5366
5600	5548	5442	5442	5418	5410
5800	5584	5482	5482	5458	5451
6000	5616	5519	5519	5496	5490

VARIABLE FILTER
997.11.69 VII
Frequency in Hz: 10 20 30 40 50 60 70 80
11 60
9 48
9 38