997-11-69 **AGIP**

OFFSHORE ITALIA

ZONA F

W 1704 — LINEA F-76-72C — E 1271

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion ←

512 | Date: APRIL 29 .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: 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
330m MOTOROLA positioning

00302

F-76-149 1 — F-76-072B 582

Water depth in meters: 1352 1314 1380 1282 1308 1315 1204 1368 1280 1291 1276 1332 NO SOUNDINGS

VA

1704 1690 1680 1670 1660 1650 1640 1630 1620 1610 1600 1590 1580 1570 1560 1550 1540 1530 1520 1510 1500 1490 1480 1470 1460 1450 1440 1430 1420 1410 1400 1390 1380 1370 1360 1350 1340 1330 1320 1310 1300 1290 1280 1271

TWT 000 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200 3400 3600 3800 4000 4200 4400 4600 4800 5000 5200 5400 5600 5800 6000 6200 6400 6600 6800 7000

FROM SP 1655* 1539* 1422* 1299* 1179*
* TO SP * 1764* 1539* 1422* 1299* 1179*
AV.VEL. IN M/S*

TWT					
000					
200	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500
600	1500	1500	1500	1500	1500
800	1500	1500	1500	1500	1500
1000	1500	1500	1500	1500	1500
1200	1500	1500	1500	1500	1500
1400	1500	1500	1500	1500	1500
1600	1500	1500	1500	1500	1500
1800	1500	1507	1502	1545	1522
2000	1536	1550	1522	1587	1552
2200	1573	1610	1557	1678	1661
2400	1627	1636	1640	1786	1837
2600	1686	1737	1709	1877	1972
2800	1785	1852	1856	1957	2073
3000	1916	1978	1993	2041	2180
3200	2030	2173	2155	2188	2314
3400	2271	2365	2355	2390	2437
3600	2552	2594	2536	2560	2624
3800	2723	2765	2706	2749	2791
4000	2877	2917	2862	2902	2942
4200	3016	3054	3002	3040	3078
4400	3143	3179	3129	3165	3202
4600	3258	3293	3246	3280	3314
4800	3364	3397	3352	3385	3418
5000	3461	3493	3450	3481	3513
5200	3551	3582	3540	3570	3601
5400	3635	3664	3624	3653	3683
5600	3712	3740	3702	3730	3758
5800	3784	3811	3774	3801	3829
6000	3851	3878	3841	3868	3894
6200	3914	3940	3905	3930	3956
6400	3973	3998	3964	3988	4013
6600	4028	4052	4019	4043	4066
6800	4080	4104	4073	4095	4118
7000	4129	4152	4121	4144	4166

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