997-11-69 **AGIP**

OFFSHORE ITALIA
ZONA F

NW 3519 — **LINEA F-76-04** — SE 3011

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE
6, Rue Quentin Bauchart - 75008 - PARIS

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

740 | Date: JUNE 25 .76 | Checked: M/

PROCESSING
SAMPLING RATE 4 ms

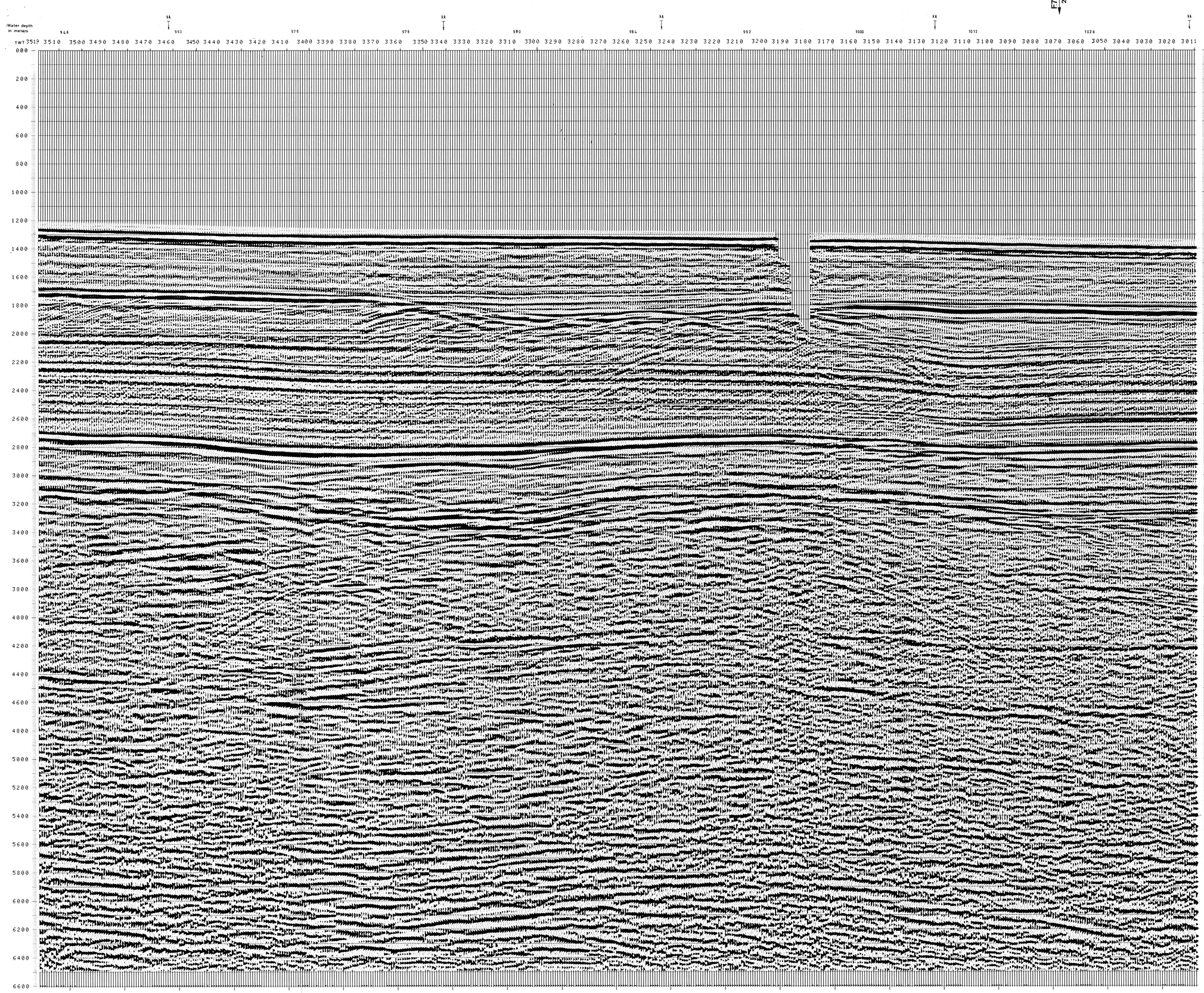
1 AMPLITUDE RECOVERY
2 WAPO (stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
windows: 500 2300 ms } Below sea bottom
1900 3600 ms
5 VELOCITY ANALYSIS (VA)
6 NMO CORRECTIONS
(LINEAR INTERPOLATION BETWEEN VELOCITY FUNCTIONS)
7 STACK 4800 %
8 TIME VARIANT FILTER (Origin sea bottom)
9 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 t:1 Streamer t:48
332 m DOPPLER (PT 1 a 3400) positioning
SHORAN (PT 3405 a 3400)

00014

F76.13
2465



TWT	FROM SP TO SP 3565	FROM SP TO SP 3460	FROM SP TO SP 3340	FROM SP TO SP 3244	FROM SP TO SP 3124	FROM SP TO SP 3012	FROM SP TO SP 2864
	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	AV.VEL. IN M/S
000							
200	1500	1500	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500	1500	1500
600	1500	1500	1500	1500	1500	1500	1500
800	1500	1500	1500	1500	1500	1500	1500
1000	1500	1500	1500	1500	1500	1500	1500
1200	1500	1500	1500	1500	1500	1500	1500
1400	1549	1523	1520	1517	1514	1512	1500
1600	1593	1565	1552	1546	1547	1554	1546
1800	1658	1613	1596	1589	1572	1587	1582
2000	1739	1682	1674	1670	1642	1672	1638
2200	1834	1785	1773	1766	1706	1758	1700
2400	1979	1926	1883	1894	1827	1830	1848
2600	2109	2069	2020	2009	1936	1943	1986
2800	2373	2227	2179	2166	2077	2092	2177
3000	2743	2461	2387	2464	2394	2344	2430
3200	3080	2725	2679	2689	2696	2607	2709
3400	3252	2991	2961	3011	2959	2907	3000
3600	3405	3219	3236	3369	3152	3126	3198
3800	3541	3365	3406	3576	3302	3276	3318
4000	3664	3497	3536	3697	3437	3411	3432
4200	3775	3616	3653	3807	3559	3534	3554
4400	3877	3724	3760	3906	3670	3646	3665
4600	3969	3823	3857	3997	3771	3749	3767
4800	4053	3914	3946	4081	3864	3842	3860
5000	4131	3997	4028	4156	3949	3929	3945
5200	4203	4074	4104	4228	4028	4008	4024
5400	4270	4146	4174	4294	4101	4082	4098
5600	4331	4212	4240	4355	4169	4151	4166
5800	4389	4274	4300	4412	4232	4214	4229
6000	4443	4331	4357	4465	4291	4274	4288
6200	4493	4385	4410	4514	4346	4329	4343
6400	4540	4435	4460	4561	4398	4382	4395
6600	4584	4483	4506	4604	4446	4431	4443

VARIABLE FILTER
997.11. VII
Frequency in Hz
10 30 50 40 50 60 70 80
11 60
9 48
9 38