997-11.69 **AGIP**

OFFSHORE ITALIA
ZONA F

NW 4560 — LINEA F-76-06 — SE 5129

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5
TIME ORIGIN: Source and cable depth
STACK 4800 %
Boat motion →

719 | Date: JUNE 24.76 | Checked

PROCESSING
SAMPLING RATE 4 ms

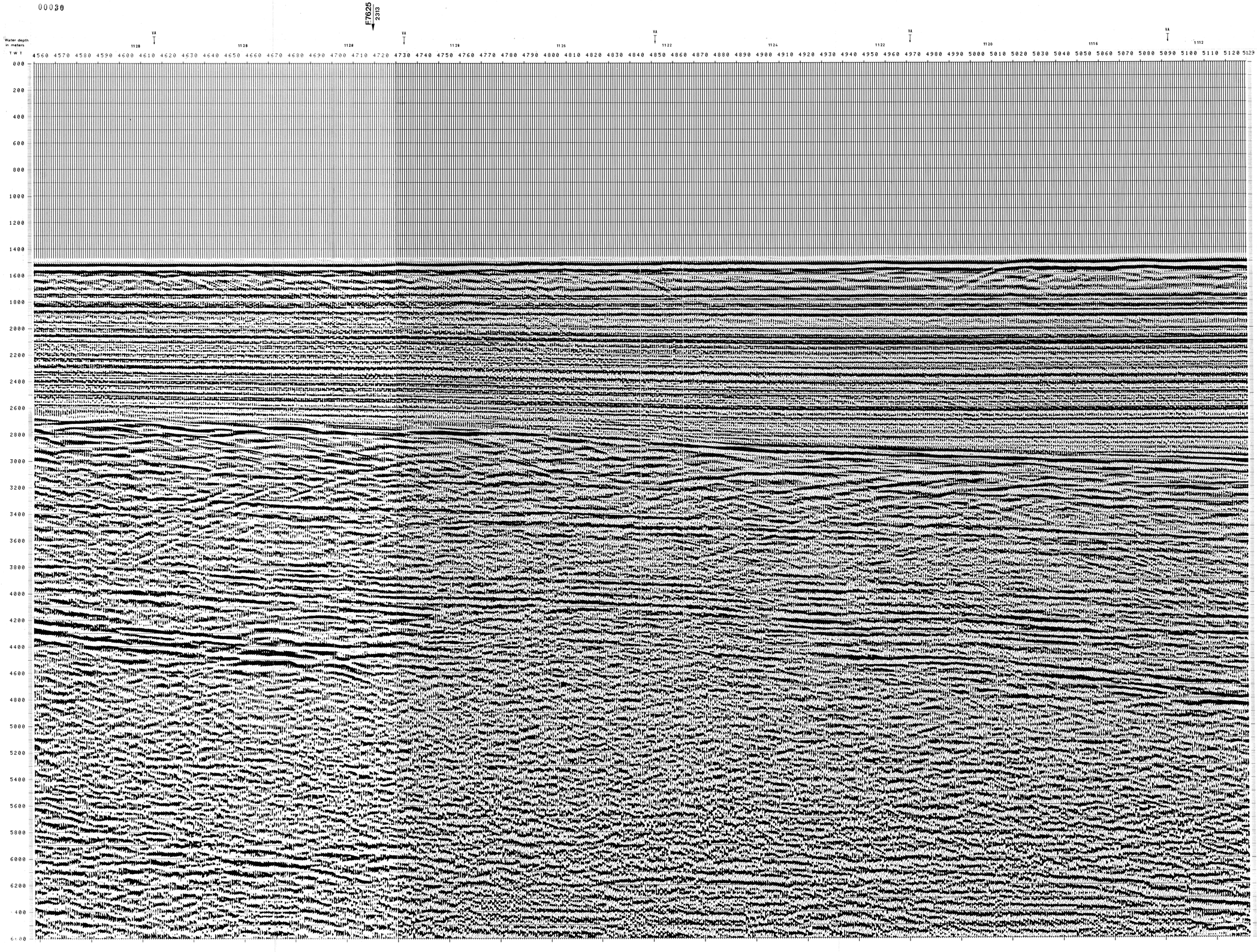
1 AMPLITUDE RECOVERY
2 WAPO (stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
windows: 500 - 2300 ms } Below
1900 - 3600 ms } sea bottom
5 VELOCITY ANALYSIS (VA)
6 NMO CORRECTIONS
(LINEAR INTERPOLATION BETWEEN VELOCITY FUNCTIONS)
7 STACK 4800 %
8 TIME VARIANT FILTER (Origin sea bottom)
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

00030

F7625 / 2313



TWT	FROM SP 4498 TO SP 4498	FROM SP 4615 TO SP 4615	FROM SP 4733 TO SP 4733	FROM SP 4851 TO SP 4851	FROM SP 4971 TO SP 4971	FROM SP 5206 TO SP 5206
	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	1500	1500	1500	1500	1500	1500
200	1500	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500	1500
600	1500	1500	1500	1500	1500	1500
800	1500	1500	1500	1500	1500	1500
1000	1500	1500	1500	1500	1500	1500
1200	1500	1500	1500	1500	1500	1500
1400	1500	1500	1500	1500	1500	1500
1600	1517	1514	1507	1526	1512	1522
1800	1545	1537	1542	1571	1532	1558
2000	1581	1585	1583	1619	1610	1601
2200	1643	1653	1639	1671	1663	1662
2400	1703	1724	1706	1719	1725	1737
2600	1787	1790	1776	1810	1808	1794
2800	1880	1845	1855	1917	1907	1885
3000	1932	1917	1938	2004	1997	2004
3200	2013	2009	2020	2073	2089	2111
3400	2137	2099	2131	2147	2186	2222
3600	2264	2258	2235	2232	2272	2335
3800	2379	2399	2347	2333	2393	2467
4000	2565	2697	2459	2489	2571	2636
4200	2861	2966	2701	2731	2732	2788
4400	3068	3158	2941	2950	2871	2929
4600	3195	3281	3138	3083	2998	3062
4800	3312	3394	3257	3205	3123	3185
5000	3419	3499	3367	3316	3238	3297
5200	3519	3595	3468	3420	3345	3401
5400	3611	3684	3562	3515	3443	3497
5600	3696	3767	3649	3604	3534	3587
5800	3775	3844	3730	3686	3619	3670
6000	3849	3915	3806	3764	3699	3748
6200	3919	3983	3876	3836	3773	3820
6400	3984	4046	3943	3903	3842	3888
6600	4045	4105	4005	3967	3908	3952

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

Tg Tg