997-11.50 **AGIP**

OFFSHORE ITALIA
ZONA F

SW 612 — LINEA F-76-27 — NE 1239

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE
Div. Prospection Sismique - Paris

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

683 | Date: JUNE 21 .76 | Checked TW

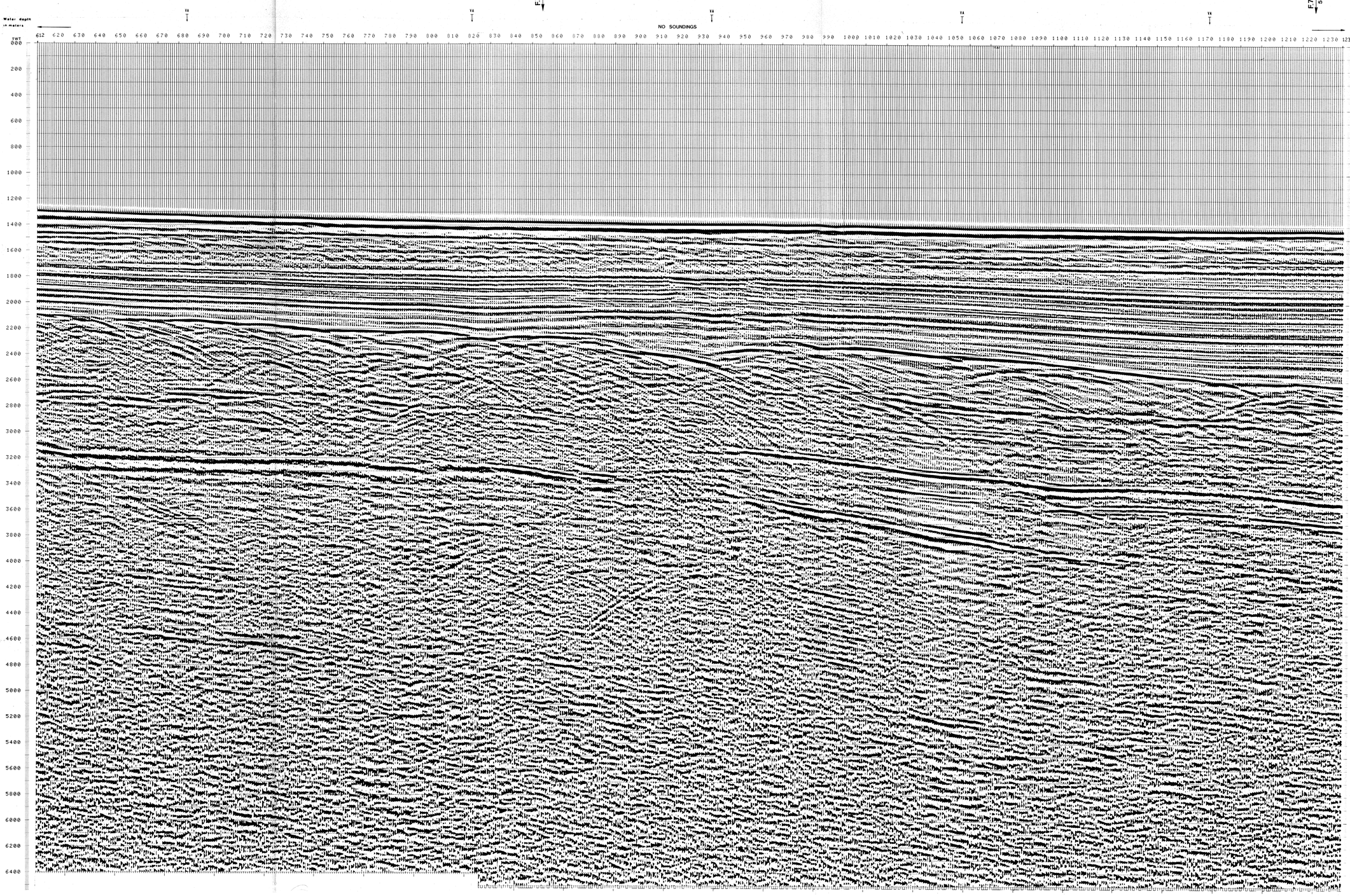
PROCESSING
SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPC (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 GLORITA TIDE Shooting date: JAN /1976
Field recorder SN 338 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 nr 48 / group
48 Fold coverage
Energy source VAPORCHOC (Depth 6 m)
SP 1/2 Streamer 1/48
310 m SHORAN positioning

00150



TWT	FROM SP 556 TO SP 663 AV.VEL. IN M/S	FROM SP 663 TO SP 770 AV.VEL. IN M/S	FROM SP 770 TO SP 880 AV.VEL. IN M/S	FROM SP 935 TO SP 935 AV.VEL. IN M/S	FROM SP 1055 TO SP 1055 AV.VEL. IN M/S	FROM SP 1174 TO SP 1174 AV.VEL. IN M/S	FROM SP 1292 TO SP 1292 AV.VEL. IN M/S
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	1526	1507	1507	1502	1500	1500	1500
1600	1561	1519	1530	1518	1526	1518	1526
1800	1633	1566	1581	1555	1555	1550	1558
2000	1722	1659	1639	1619	1622	1597	1601
2200	1866	1747	1707	1698	1703	1660	1664
2400	2006	1847	1812	1796	1786	1721	1744
2600	2063	1932	1937	1894	1825	1811	1827
2800	2127	2045	2000	1998	1861	1957	1917
3000	2230	2182	2049	2085	2030	2119	2013
3200	2319	2316	2092	2228	2119	2191	2116
3400	2554	2533	2250	2384	2313	2292	2224
3600	2762	2726	2458	2651	2632	2387	2403
3800	2946	2898	2644	2908	2922	2711	2586
4000	3115	3053	2812	3081	3210	3001	2757
4200	3267	3193	2964	3220	3375	3144	2911
4400	3405	3321	3102	3346	3494	3274	3052
4600	3531	3437	3228	3462	3603	3393	3180
4800	3646	3544	3343	3566	3723	3501	3297
5000	3752	3642	3450	3665	3795	3601	3406
5200	3850	3733	3548	3755	3879	3693	3505
5400	3941	3817	3638	3838	3958	3779	3598
5600	4025	3895	3723	3915	4031	3856	3683
5800	4104	3967	3801	3987	4099	3932	3763
6000	4177	4035	3875	4054	4162	4001	3838
6200	4245	4099	3943	4117	4221	4065	3906
6400	4309	4158	4007	4176	4277	4126	3973

VARIABLE FILTER
997.11.50 VII
Frequency in Hz