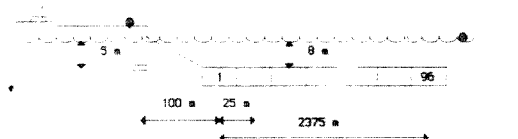




FIELD RECORDING

** SORT **	NORTHERN HORIZON	** ENERGY SOURCE **	AIRGUN
Recorded by	HPI 120N	Capacity	1620 CU INCH
Recording date	PM 1984	Depth	5 m
Navigation system	SVL ED15	SP Interval	25 m
** INSTRUMENTS **	DFS U	** STRIPPER **	2400 ft
Format	SEB-6 9 tracks 1500 BP1	Depth	8 m
Filter	12/128 Hz	Group	96
Recording length	6 s	Group Interval	25 m
Sampling	2 ms	Offset	100 m
		Hydrophones	UNI-G 30/track

Boat direction 330°



REPROCESSING DATE JULY 1989

DIGITAL PROCESSING IN 4 MS

- | | |
|---|--|
| 1 • Demultiplexing | 12 • Velocity analysis |
| 2 • Retinal resampling 2 to 4 ms | 13 • Inverse 1 gms every 1 ms on average |
| 3 • Geometrical spreading compensation | 14 • Stack 4800 ft |
| 4 • Static corrections = 45 ms | 15 • Zero phase multichannel deconvolution |
| 5 • Time phase conversion | Operator length 240 ms |
| 6 • Pre-filter OUT/100 Hz | Window 1500 - 4000 ms |
| 7 • Rules | 16 • Migration in time in Fz domain |
| 8 • Predictive deconvolution (TR17A) | Window 100 ft stack velocities |
| Window 0 - 2000 ms | 17 • Time variant filter |
| Gap 4 ms | Operator length 1870 Hz |
| Operator length 150 ms | Window 10/60 Hz |
| Pre-whitening 1 s | Gap 24 ms |
| Window 2500 - 4500 ms | Operator length 6/40 Hz |
| Gap 160 ms | Pre-whitening 1 s |
| Operator length 160 ms | 18 • Trace equalization |
| Pre-whitening 1 s | Window 0 - 5000 ms |
| 9 • Partial stacking | 19 • Display by laser platter |
| 10 • 24 offsets 120 | |
| 11 • Dip move-out by finite difference method | |

POLARITY REVERSE LSE0

MAIN LOBE OF A SYMMETRICAL SIGNAL - WHITE - POSITIVE REFLECTION COEFFICIENT
POSITIVE INCREASE OF IMPEDANCES

TIME ORIGIN

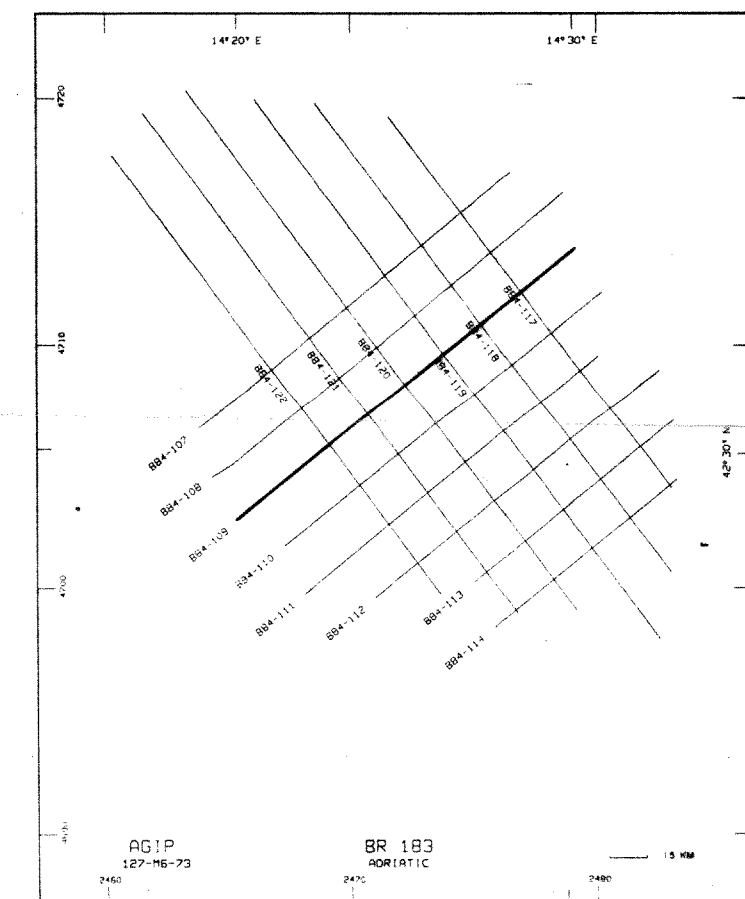
MEAN SEA LEVEL

HORIZONTAL SCALE

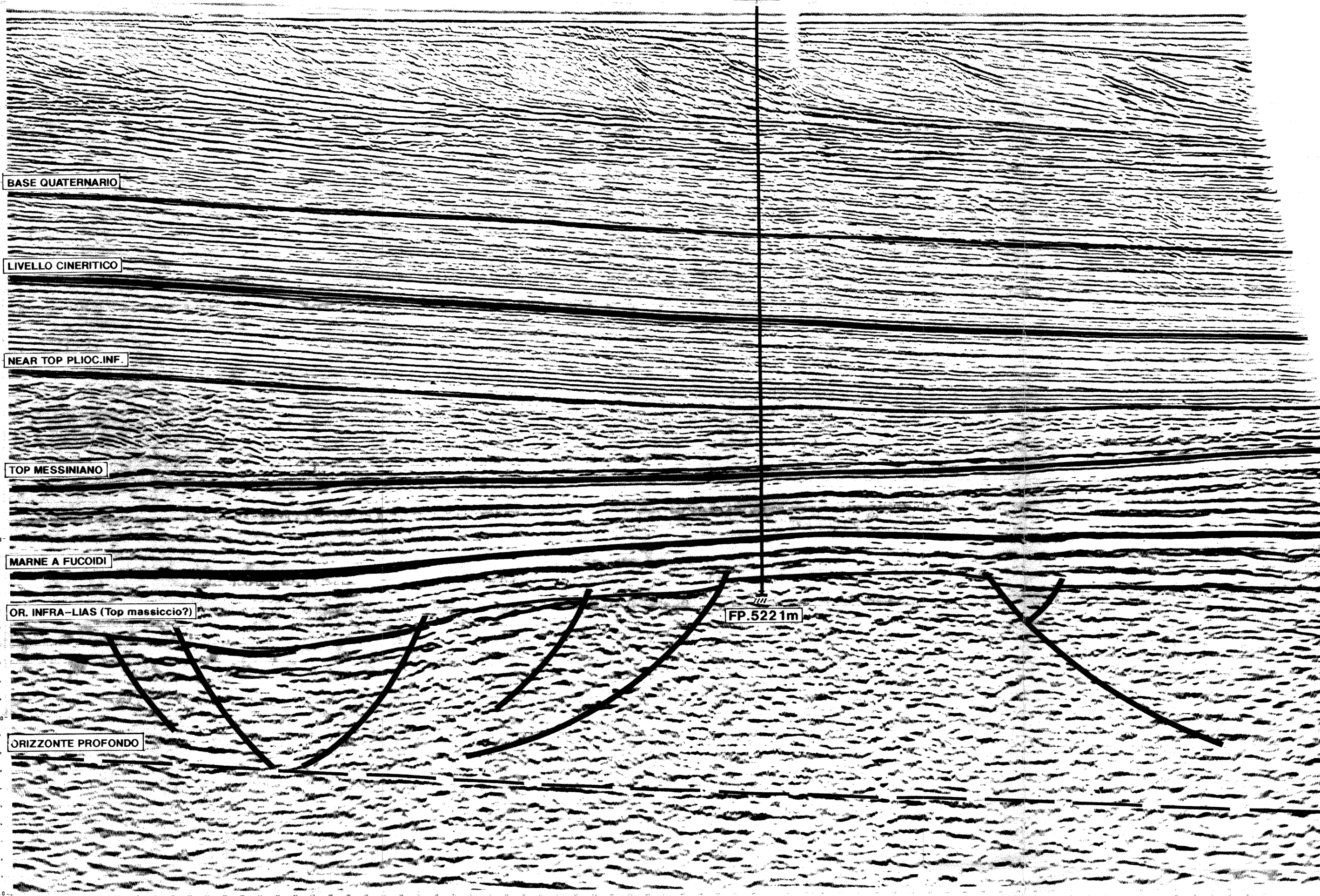
1 / 25 000

80 TRACES - 1 KM

VERTICAL SCALE = 10 CM / SEC.



SILVANA 1



SERIE CON STRUTTURE A "POP - UP"