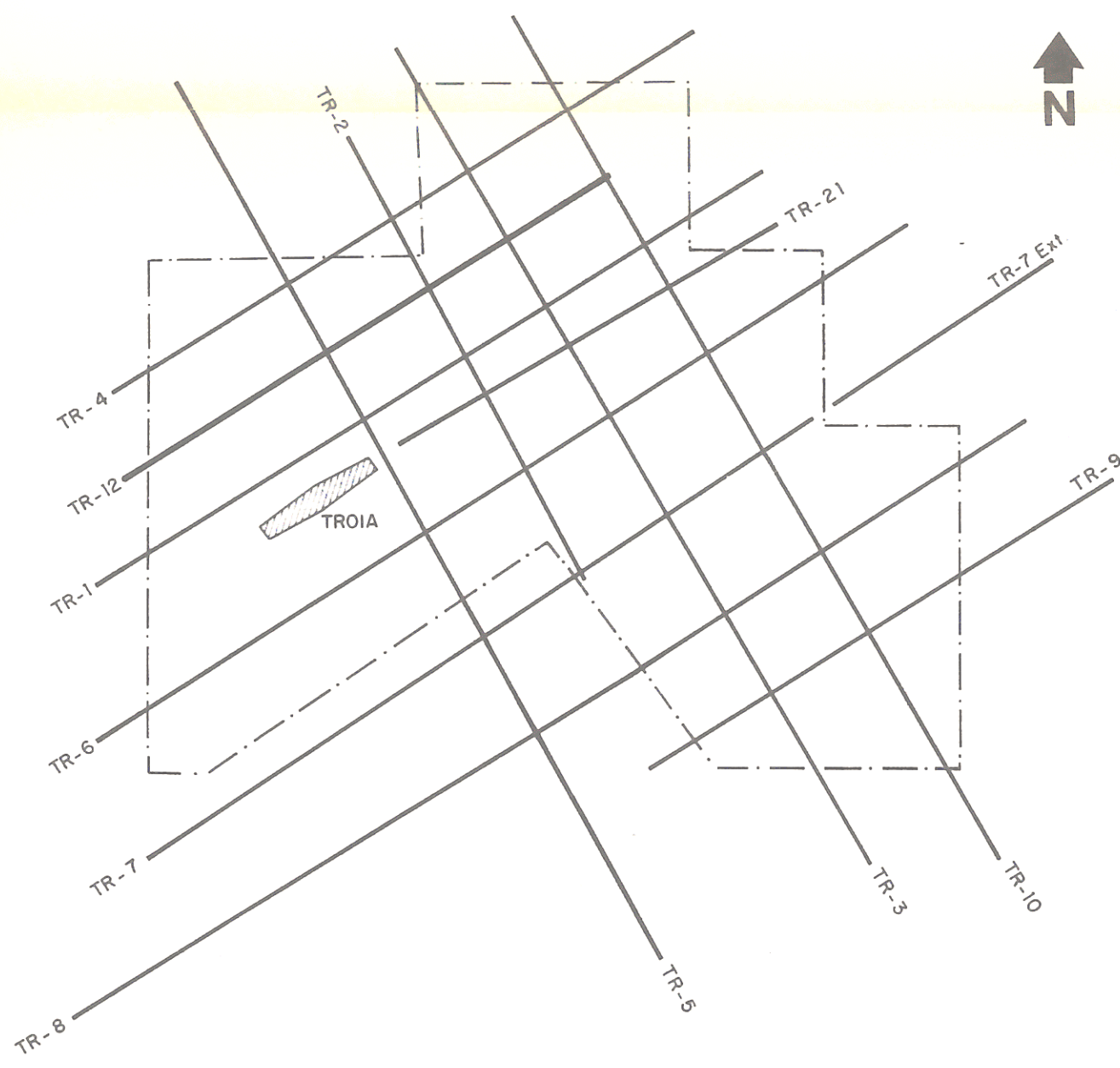
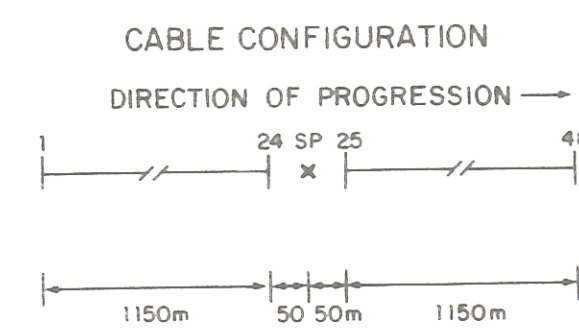


LINE TR-12 → NE  
 SP.s 100-196  
 WAVELET CORRECTED STACK

SNIA BPD  
 TROIA

RECORDING PARAMETERS

SHOT BY	SIAG PARTY 77-02-02
DATE	APRIL '77
DIRECTION RECORDED	NORTH EAST
ENERGY SOURCE	DYNAMITE
SHOT INTERVAL	200 m.
AVERAGE SHOT DEPTH	20 m.
AVERAGE CHARGE PER HOLE	5 kg.
CABLE	
NUMBER OF GROUPS	48
GEOPHONES PER GROUP	24
GEOPHONE TYPE	SM - 4 10 Hz
NEAR TRACE OFFSET	50 m.
GROUP INTERVAL	50 m.
FAR TRACE OFFSET	1200 m.
INSTRUMENTS	
FORMAT	DFS V
SAMPLE RATE	Seg-B
RECORD LENGTH	2 ms.
LOW CUT FILTER	6 s
HIGH CUT FILTER	12 Hz
NOTCH FILTER	128 Hz
GAIN MODE	50 Hz I.F.P.

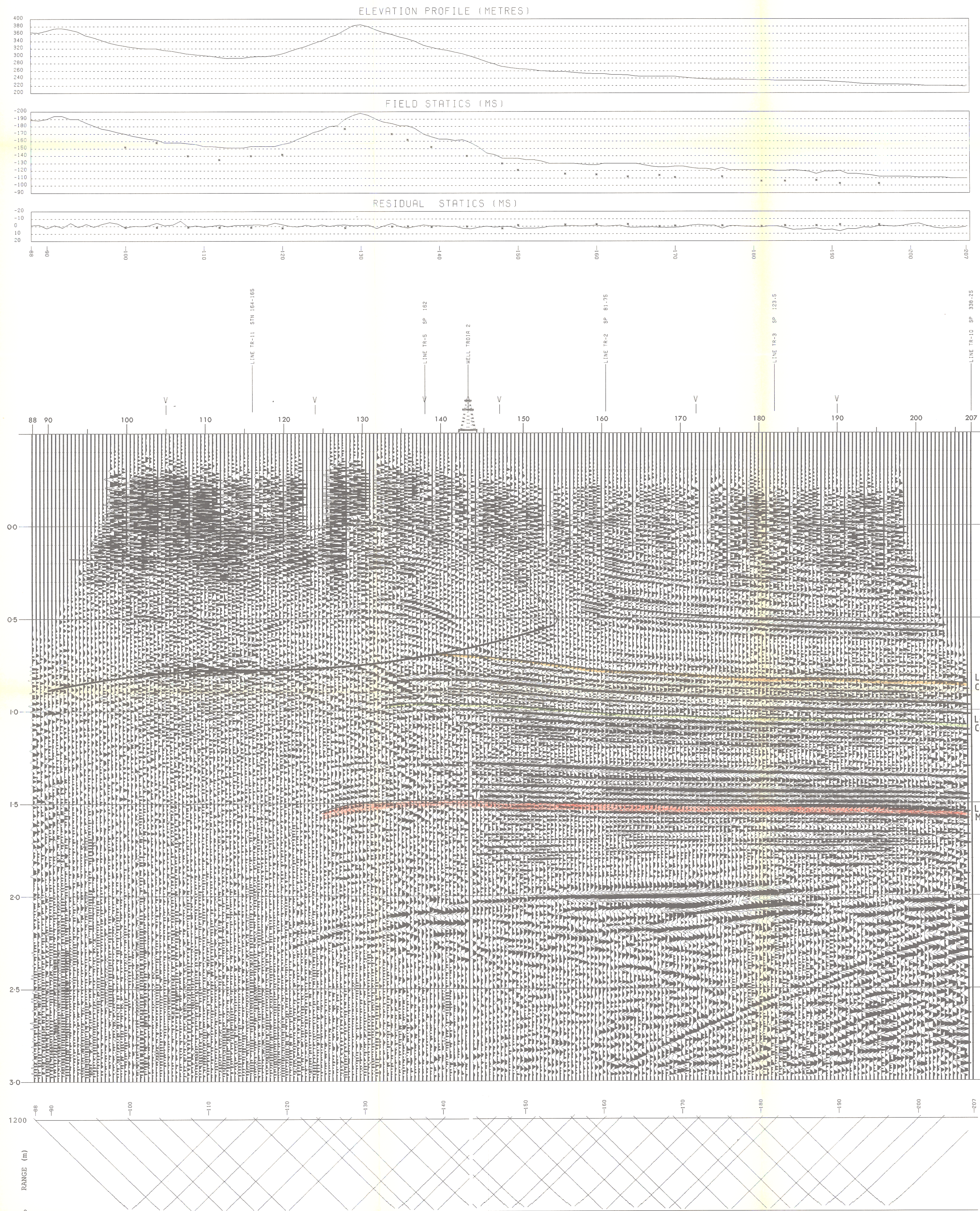


PROCESSING SEQUENCE

ANALYSIS BY ENTEC ENERGY CONSULTANTS LTD., LONDON, ENGLAND.  
 DATE NOVEMBER 1982  
 PROCESSING RECORD LENGTH 3.5 s.  
 PROCESSING SAMPLE INTERVAL 2 ms.  
 DEMULTIPLEX AND GAIN RECOVERY  
 RECORDING INSTRUMENTS SIGNATURE EQUALISATION AND PHASE CORRECTION  
 SOURCE SIGNATURE EQUALISATION  
 TRACE EDIT  
 SPHERICAL DIVERGENCE CORRECTION REGIONAL VELOCITY FUNCTION USED  
 EXPONENTIAL GAIN +4DB/S  
 BANDPASS FILTER GROUND ROLL FILTER 15Hz MIN PHASE  
 COMMON MIDPOINT GATHER  
 ELEVATION CORRECTIONS DATUM SEA LEVEL  
 SURFACE CONSISTENT AUTOMATIC RESIDUAL STATICS CORRECTION  
 CORRELATION WINDOW 0.4-185 s  
 PREDICTIVE DECONVOLUTION  
 AUTOCORRELATION DESIGN WINDOW NEAR TRACE 115-2.35s  
 FAR TRACE 1.25-2.45s  
 OPERATOR LENGTH 180 ms  
 PREDICTION GAP 48ms  
 APPLICATION ENTIRE TRACE  
 STATIC CORRECTION CDP CONSISTENT INVERSE  
 ELEVATION STATICS TO SMOOTHED SURFACE DATUM  
 NMO CORRECTION VELOCITIES DERIVED FROM CONSTANT VELOCITY STACKS  
 TRACE MUTING  
 TIME (ms) MAXIMUM OFFSET (m)  
 0 225  
 300 275  
 430 425  
 700 675  
 1000 1225  
 STACK 1/2 FOLD AMPLITUDE RECOVERY  
 STATIC CORRECTION CDP CONSISTENT ELEVATION STATICS TO SEA LEVEL DATUM  
 DECONVOLUTION OPTIMUM SNR WAVELET  
 SHAPING OPERATOR  
 WINDOWS 0-700ms  
 700-3000ms  
 WAVELET PHASE COMPENSATION PHASE DERIVED FROM TROIA-1 WELL DATA AND SEISMIC DATA FROM LINE TR-21

DISPLAY PARAMETERS

HORIZONTAL SCALE 1:11,820  
 VERTICAL SCALE 10cm/sec  
 POLARITY: POSITIVE REFLECTION COEFFICIENT  
 GIVES BLACK PEAK  
 ANNOTATION STATION POSITION



SNIA BPD DIVISIONE MINERARIA MILANO	Tav. n° 1/A	Data FEB. 84	N° Arch.
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SEZIONE SISMICA TR-12