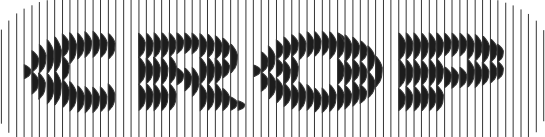


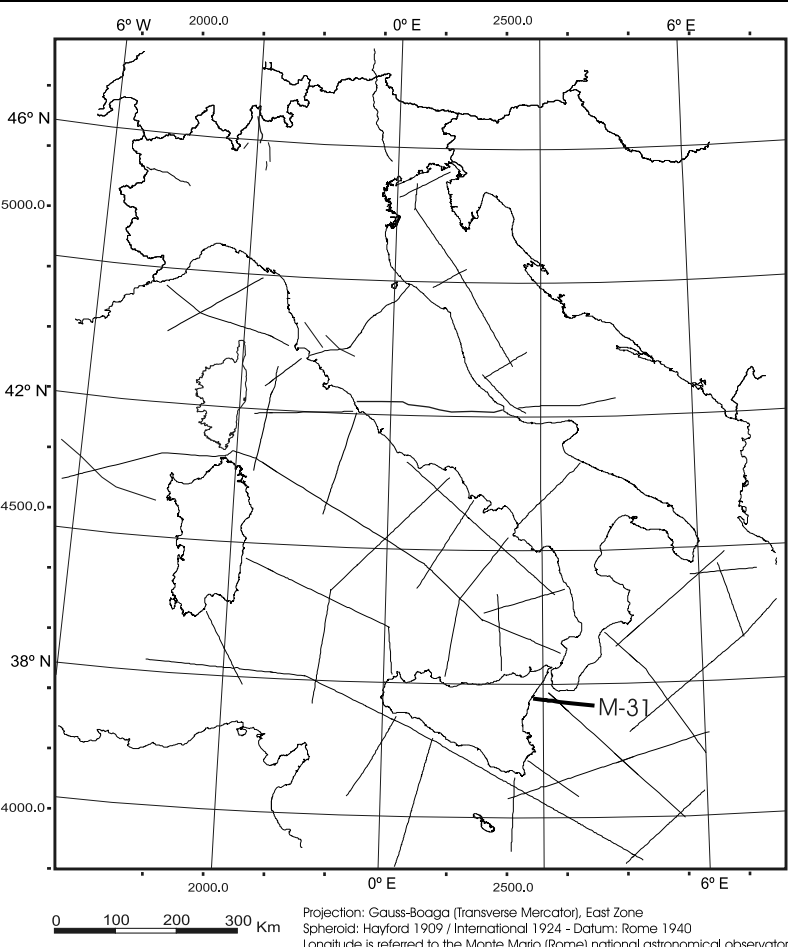
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CROP ATLAS
SEISMIC REFLECTION PROFILES
OF THE ITALIAN CRUST

LINE : M-31

LOCATION MAP



SCALES:
HORIZONTAL 1: 200,000
VERTICAL 2.5 CM - 1 SEC

DATUM PLANE : SEA LEVEL

<p>RECORDING DATA</p> <p>RECORDING DATE: 1994</p> <p>RECORDING PARAMETERS</p> <p>CONTRACTOR G.S. S. S. S. SYSTEM 338-DW RECORD LENGTH 17000 MS FILTER L.C. 77 HZ TO 0.01 M.C. SAMPLING INTERVAL 4 MS COVERAGE 45 PULS</p> <p>SOURCE</p> <p>ENERGY SOURCE AIRGUN AVG. SOURCE DEPTH 7 M SHOT INTERVAL 50 M TOTAL VOLUME 4906 CU INC N. OF SUBARRAYS 8 N. GUNS FOR SUBARRAY 8</p> <p>CABLE</p> <p>SINGLE STREAMER 4500 M N. OF GROUPS 180 HYDROPHONES FOR GROUP 12 CROP INTERVAL 12 M AVG. CABLE DEPTH 12 M</p> <p>BOAT DIAGRAM</p>	<p>PROCESSING SEQUENCE</p> <p>PROCESSING DATE: 1994</p> <p>REFORMAT</p> <p>-SEG2 TO PHENIX VECTOR CONVERSION</p> <p>RESAMPLING</p> <p>-TIME SAMPLING TO 8 MS</p> <p>TIME BREAK CORRECTION</p> <p>-10 MS PULL UP DUE TO AIRGUN DELAY</p> <p>GEOMETRY UPDATE</p> <p>PREFILTER</p> <p>3/24 - OUT HZ/DB</p> <p>AMPLITUDE RECOVERY</p> <p>-SPHERICAL DIVERGENCE CORRECTION BY 7 VELOCITY FUNCTION REFERRED TO SEABOTTOM DEPTH</p> <p>PHASE CORRECTION</p> <p>-INSTRUMENT RESPONSE TO MINIMUM PHASE</p> <p>ADJACENT TRACE SUM</p> <p>-APPLIED ON SHOT DOMAIN WITH CHANNEL REDUCTION TO 80 TRACES AFTER PARTIAL NMO</p> <p>ARRAY SIMULATION</p> <p>5 TRACE MIXED WEIGHTS 15-50-100-50-15%</p> <p>DECONVOLUTION</p> <p>-TYPE: PREDICTIVE MIN PHASE INV. FILTER 4 WND OP 48-300 MS WN 1%</p> <p>PRELIMINARY VELOCITY ANALYSIS</p> <p>-INTEGRATED VELOCITY DISPLAY ANALYSIS LOCATION EVERY 15 KM</p> <p>W/B MULTIPLE ATTENUATION</p> <p>-FR FILTER APPROACH IN CDP DOMAIN (PRIMARY EVENTS OVERCORRECTED)</p> <p>FINAL VELOCITY ANALYSIS</p> <p>-INTEGRATED VELOCITY DISPLAY (15 VELOCITIES TESTED ON 20 STACK-CDP AND ON CENTRAUX TRACKED GATHER. CORRELATION PLOT) ANALYSIS LOCATION EVERY 5 KM</p> <p>NMO STACK 4500M</p> <p>-CDP ORDERED DATA NMO CORRECTED WITH FINAL VELOCITIES OUTSIDE NOTE APPLIED TO REMOVE STRETCHED DATA AND REFRACTED SIGNALS INSIDE NOTE (CDP #) STARTING ABOVE FIRST WATER BOTTOM MULTIPLE</p> <p>TIME VARIANT FILTER</p> <p>WATER BOTTOM 2-13-20 HZ TRAPEZOIDAL TIME 1 1-3-20-20 HZ TRAPEZOIDAL TIME 2 1-3-15-20 HZ TRAPEZOIDAL Line 1 & 2 dependent on water bottom multiples period</p> <p>MARINE STATICS</p> <p>13 MS CABLE AND GUN CORRECTION</p>
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COMMENTS

POLARITY CONVENTION

RECORDING : COMPRESSION NEG. NUMBER
PROCESSING : COMPRESSION NEG. NUMBER
DISPLAY : COMPRESSION PULSE TROUGH

PLAYBACK

-1 TRACES EVERY 4 IS PLOTTED
PRESENTATION : VA
-RMS TRACE EQUALIZATION

Data processed by: ISMES
Cgmi file generated by: ENI-AGIP DIVISION

