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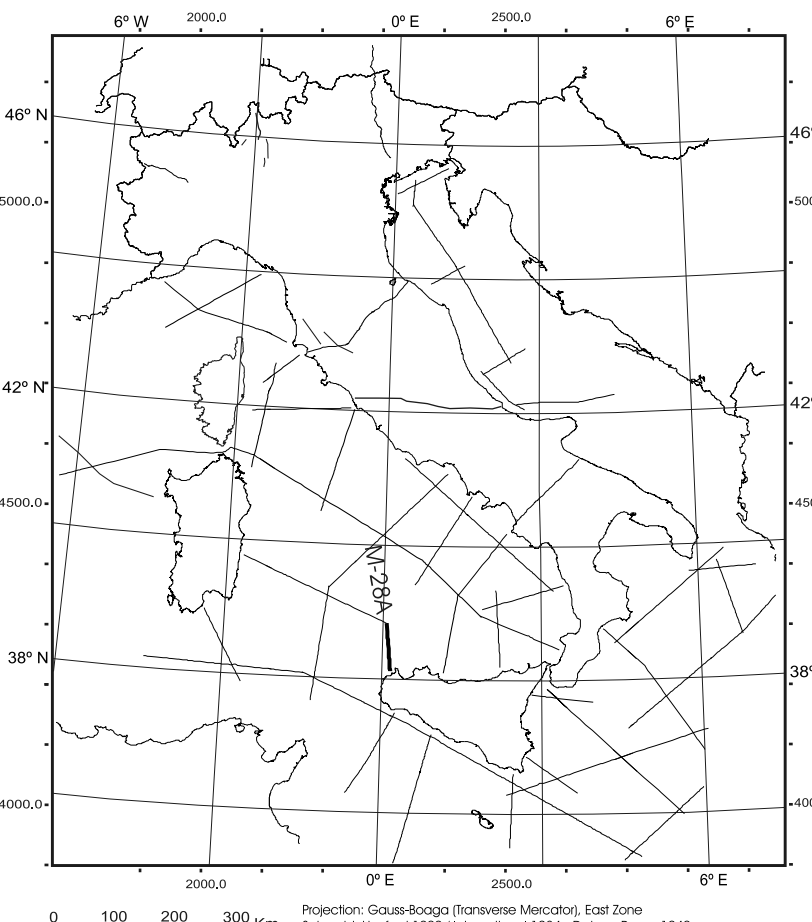
CROP

CNR **Eni**

CROP ATLAS
SEISMIC REFLECTION PROFILES
OF THE ITALIAN CRUST

LINE : M-28A

LOCATION MAP



Projection: Cassini-Soldati (Transverse Mercator, East Zone)
Spheroid: Hayford 1909 / International 1924 - Datum: Rome 1940
Longitude is referred to the Monte Mario (Rome) national astronomical observatory

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

DATUM PLANE : SEA LEVEL

<p>RECORDING DATA RECORDING DATE: 1994</p> <p>RECORDING PARAMETERS CONTRACTOR: S.G.S. VESSEL: OGS EXPLORA SYSTEM: SN 358-DK RECORD LENGTH: 17000 MS FILTER L.C.: 0 BT SAMPLING INTERVAL: 77 HZ 70 08/02 H.C.: 4 MS COVERAGE: 45 FOLD</p> <p>SOURCE ENERGY SOURCE: AIRGUN AVG. SOURCE DEPTH: 7 M SHOT INTERVAL: 50 M TOTAL VOLUME: 4966 CU IN N. OF SUBARRAYS: 9 GUNS FOR SUBARRAY: 8</p> <p>CABLE SINGLE STREAMER: 4500 M N. OF GROUPS: 180 HYDROPHONES FOR GROUP: 32 GROUP INTERVAL: 25 M AVG. CABLE DEPTH: 12 M</p> <p>BOAT DIAGRAM 150 m 4415 m DEEP SOURCE: AIRGUN</p> <p>LEGEND INTERSECTION</p> <p>COMMENTS POLARITY CONVENTION RECORDING: COMPRESSION NEG. NUMBER PROCESSING: COMPRESSION NEG. NUMBER DISPLAY: COMPRESSION PULSE TROUGH</p> <p>PLAYBACK -1 TRACES EVERY 4 IS PLOTTED -PRESENTATION: VA -MS TRACE EQUALIZATION</p>	<p>PROCESSING SEQUENCE PROCESSING DATE: 1994</p> <p>REFORMAT -SEC2 TO PHOENIX VECTOR CONVERSION</p> <p>RESAMPLING -TIME SAMPLING TO 5 MS</p> <p>LINE BREAK CORRECTION -10 MS PULL UP DUE TO AIRGUN DELAY</p> <p>GEOMETRY UPDATE</p> <p>PREFILTER 3/24 - OUT HZ708</p> <p>AMPLITUDE RECOVERY -SPHERICAL DIVERGENCE CORRECTION BY 7 VELOCITY FUNCTION REFERRED TO SEABOTTOM DEPTH</p> <p>PHASE CORRECTION -INSTRUMENT RESPONSE TO MINIMUM PHASE</p> <p>ADJACENT TRACE SUM -APPLIED ON SHOT DOMAIN WITH CHANNELS REDUCTION TO 90 TRACES AFTER PARTIAL WND</p> <p>ARRAY SIMULATION 5 TRACE MIXED WEIGHTS 15-50-100-50-15%</p> <p>DECONVOLUTION -TYPE: PREDICTIVE MIN. PHASE INV. FILTER 4 WND OP 48-300 MS WN 1X</p> <p>PRELIMINARY VELOCITY ANALYSIS -INTEGRATED VELOCITY DISPLAY ANALYSIS LOCATION EVERY 15 KM</p> <p>W. B. MULTIPLE ATTENUATION -FK FILTER APPROACH IN CDP DOMAIN (PRIMARY EVENTS OVERCORRECTED)</p> <p>FINAL VELOCITY ANALYSIS -INTEGRATED VELOCITY DISPLAY (15 VELOCITIES TESTED ON 2D STACK-CDP AND ON CENTRAL UNSTACKED GATHER. CORRELATION PLOT) ANALYSIS LOCATION EVERY 5 KM</p> <p>NMO / STACK 4500Z -CDF ORDERED DATA WHO CORRECTED WITH FINAL VELOCITIES -OUTSIDE MUTE APPLIED TO REMOVE STRETCHED DATA AND REFRACTED SIGNALS -INSIDE MUTE (1200 M) STARTING ABOVE FIRST WATER BOTTOM MULTIPLE</p> <p>TIME VARIAN FILTER WATER BOTTOM 2-3-32-40 HZ TRAPEZOIDAL TIME 1 1-3-20-20 HZ TRAPEZOIDAL TIME 2 1-3-15-20 HZ TRAPEZOIDAL Time 1 & 2 dependent on water bottom multiples per 100</p> <p>MARINE STATIONS 15 MS CABLE AND GUN CORRECTION</p>
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Data processed by: **ISMES**

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