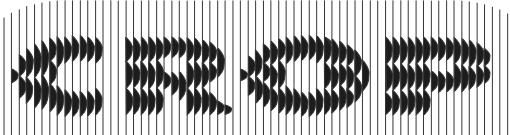





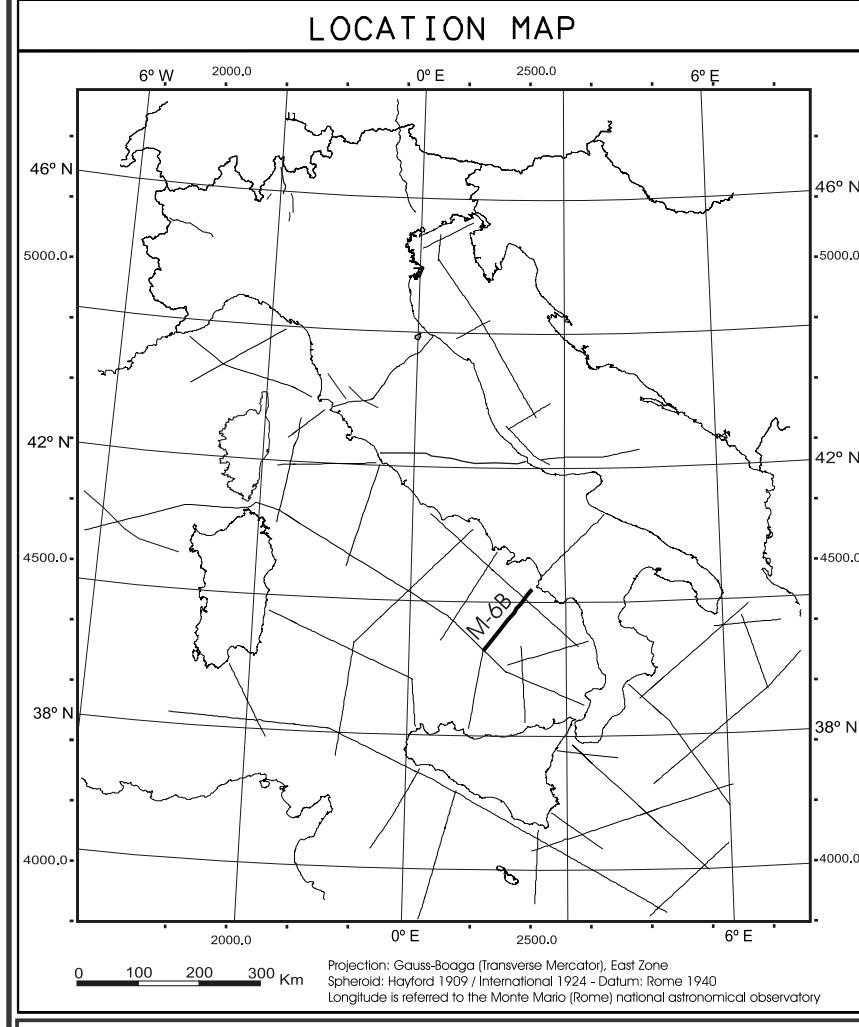
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CROP ATLAS

SEISMIC REFLECTION PROFILES
OF THE ITALIAN CRUST

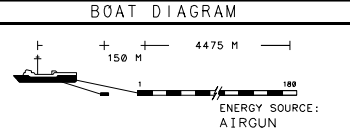
LINE : M-6B



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



DATUM PLANE : SEA LEVEL

RECORDING DATA	PROCESSING SEQUENCE
RECORDING DATE: 1991	PROCESSING DATE: 1991
RECORDING PARAMETERS	REFORMAT
CONTRACTOR: S.G.S. S.P.A.	-SEG TO XSS FLOATING POINT
VESSEL: 055 EXPLORA	RESCALING
RECORD LENGTH: 5000000	-TIME SAMPLING TO 0 MS
RECORD RATE: 1000000	GEOMETRY UPDATE
RECORD INTERVAL: 77 Hz TO 0.001	
SAMPLING INTERVAL: 1300000	TRACK SUM
COVERAGE: 45 FOLD	-SUM OF TWO ADJACENT TRACES WITH APPLICATION OF DIFFERENTIAL NMO
SOURCE	AMPLITUDE RECOVERY
ENERGY SOURCE: AIRGUN	-USING THE FOLLOWING SYNTHETIC GAIN FUNCTION: $1.00 \times 1 - 1.5 \times 20 \log_{10} 1011$
AVG. SOURCE DEPTH: 8 M	DECONVOLUTION
SHOT INTERVAL: 90 M	-TYPE: PREDICTIVE MIN. PHASE INV. FILTER
N. OF SUBARRAYS: 9	OP: 50-200 MS
N. GUNS FOR SUBARRAY: 9	MULTIPLE ATTENUATION
TOTAL VOLUME: 4900 CU IN	-APPLICATION OF MEDIAN FILTER TO COP GATHERS CORRECTED FOR MULTIPLE VELOCITIES
CABLE	ARRAY SIMULATION
STRAINS: 4500 M	-TIME SAMPLING LATERAL MIX OF FIVE TR. APPLIED IN THE COMMON SHOT DOMAIN
N. OF GROUPS: 160	VELOCITY ANALYSIS
HYDROPHONES FOR GROUP: 10	-USING CONTOUR HISTOGRAMS VELOCITY FUNCTION STACKS AND GATHERS AT AN AVERAGE INTERVAL OF 2.5 M
AVG. CABLE DEPTH: 12 M	-VELOCITIES CHECKED USING COMMON POINT OF THE VELOCITY FUNCTION
BOAT DIAGRAM	NMO / STACK 4500S
	-COP GATHERS ARE CORRECTED WITH FINAL VELOCITIES
LEGEND	-APPLICATION OF A NEAR TO FAR TRACE LINEAR DIFFERENTIAL WEIGHTING
COMMENTS	K-FILTER
POLARITY CONVENTION	-APPLICATION OF K-F FILTER ATTENUATING GAINS GREATER THAN 4 TIMES TO 50% OF THEIR ORIGINAL AMPLITUDE
RECORDING COMPRESSION NEG. NUMBER DISPLAY	TRACES MIX
PROCESSING COMPRESSION NEG. NUMBER DISPLAY	-APPLICATION OF TIME SAMPLING 3 TRACE LATERAL MIX TO REDUCE STEEPLY DIPPING NOISE
PLAYBACK	TIME VARIANT FILTER
FRAMES EVERY 4 IS PLOTTED	200 MS ZERO PHASE BANDPASS FILTER AUTOMATICALLY APPLIED TO FOLLOW THE WATER BOTTOM
PRESENTATION QUALIZATION VA	LINE: 34 00 0 00 0 00 34 00
MS TRACE EQUALIZATION	U: -1000 5 HZ 10 HZ 45 HZ 60 HZ
	M: -1000 5 HZ 10 HZ 45 HZ 60 HZ
	U: -2000 2 HZ 4 HZ 15 HZ 25 HZ
	M: -2000 2 HZ 4 HZ 15 HZ 25 HZ
	U: -10000 2 HZ 4 HZ 15 HZ 25 HZ
	M: -10000 2 HZ 4 HZ 15 HZ 25 HZ

Data processed by: OGS
Cgm file generated by: ENI-AGIP DIVISION

