



# LINEA D84-123

SEZIONE IDROCARBURI  
E GEOTERMIA DI NAPOLI

- 2 MAR. 1989

Prot. N. 1198

SW

NE

INDEX MAP

RECORDED BY:  
HORIZON EXPLORATION LTD.  
BOAT  
NORTHERN HORIZON  
DATE:  
MAY 1984

PROCESSED BY:  
84540350  
SEKERSGRUPPE  
SUPERVISOR: VENER, J  
DATE:  
01.12.1984

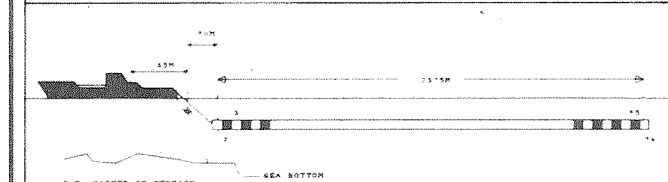
RECORDING DATA

SOURCE: TYPE BOLT PAR AIRGUNS CABLE 2400 M PRAKLA SEISMOS STREAMER

BOB DEPTH 5 M GUNNERS ARRAY TO CENTRE BEAR TRACK 90 M  
NUMBER OF GUNS 4 HYDROPHONES SECTION  
VOLUME 1620 CU IN TYPE VPI-0045 (LRS-2510) 120  
PRESSURE 2000 P.S.I. NO. OF GROUPS 96  
SHOT INTERVAL 25 M GROUP LENGTH 25 M  
S.O.D. TO SHOT 55 MS CABLE DEPTH 6-12 M AVERAGE  
DISTANCE ANTENNA - SOURCE CENTRE 85 M

RECORDING SYSTEM: DPS V

RECORD LENGTH 4.0 SEC  
RECORDING FOLD 48 FOLD, 96 TRACES  
SAMPLE RATE 1000 Hz  
FORMAT SEG B 1600 BPI  
RECORDING FILTER LOW CUT: 12 Hz, 18 dB/OCT  
HIGH CUT: 120 Hz, 12 dB/OCT



PROCESSING SEQUENCE

- DEMULTIPLEX
- GAIN REMOVAL
- ARTIFICAL FILTER 90 HZ
- RESAMPLING 2 HS TO 4 HS
- AMPLITUDE CORRECTIONS FOR SPHERICAL DIVERGENCE
- S.O.D. CORRECTIONS 55 MS
- DEFRASING
- TRACE MIX 2:3:2:1
- D.S.S.
- MULTIPLE ATTENUATION SEE BELOW
- DYNAMIC CORR. DERIVED FROM VELOCITY ANALYSIS GEM, EVERY 3 KM
- DIGITAL AGC. GATE LENGTH 2500 MS
- HORIZONTAL STACKING 48 FOLD
- SHOT AND STREAMER CORR. 10 MS
- D.S.S. SEE BELOW
- D.S.S. SEE BELOW
- DIGITAL AGC. GATE LENGTH 400 MS
- DISPLAY

DECONVOLUTION D.S.S.

OPERATOR LENGTH 200 MS  
PREDICTION LENGTH 12 MS  
NO. OF AUTOCORR. WINDOWS 2  
GATES ON SHOTPAR TRACE 400-1800 MS / 1000-3500 MS  
GATES ON SHOTPAR TRACE 1800-2400 MS / 2000-3800 MS

D.A.S.

OPERATOR LENGTH 300 MS  
PREDICTION LENGTH 36 MS  
NO. OF AUTOCORR. WINDOWS 1  
DESIGN GATE 400-3400 MS

FILTER	TIME/SECS	FREQ/HZ	SLOPE/DB/OCT	
	LC	HC	LC	HC
0.0 - 0.5	15	40	15	25
1.0	15	45	15	25
3.0	10	45	15	25
4.0 - END	10	30	15	25

DISPLAY PARAMETERS

S.P. MARKED ON SECTION AT C.D.P. POSITION  
(S.P. NUMBERING REVISED)

DATUM PLANE IS SEA LEVEL

POLARITY NORMAL (S.E.G. STANDARD) COMPRESSIONAL WAVE  
RECORDED AS A NEGATIVE BURST ON TAPE AND PLOT AS TROUGH  
(WHITE) ON PLAYBACK

LEGEND

POLARITY	NEGATIVE VALUES	HORIZONTAL	SCALES
	WHITE	VERTICAL	1:10,000 (1:100,000)
	BLACK		1:10,000 (1:100,000)
	BLACK		KILOMETRE

