



THE AQUAPULSE® SYSTEM

DIREZIONE MINERARIA

AREA: IONIAN SEA PROSPECT: ZONE "D"

WESTERN GEOPHYSICAL

RECORDING DATA

PARTY No 62
 ENERGY SOURCE AQUAPULSE
 FILTER HI/62 - LO/8
 CABLE 48 GROUPS - 2400 m.
 GEOPHONES 20 CRYSTAL ELEMENT
 EVENLY SPACED 1.52 m. APART
 LEAD IN 285 m.
 AMPLIFIER S.D.S. BINARY GAIN
 CHARGE SIZE 4 GUN POPS
 GUN DEPTH 9.0 m.
 AVG. CABLE DEPTH 9.0 m.
 DATE SHOT DEC. 1972

DECON BEFORE STACK

TIME VAR. MIN. PHASE INVERSE FILTER
 AUTO CORR. INT. : 2 ZONES
 SEARCH ZONE : 32 ms. TO 200 ms.
 OPERATOR LENGTH SEARCH ZONE
 TIME ZONE : 0-5.0 SEC
 ITERATIONS : 1

TIME VARIANT FILTER

	L.C.	H.C.
TIME ZONE Hz dB/OCT	15 18	50 48
VARIABLE	10 12	45 48
"	8 12	35 48
"	7 12	30 48

PROCESSING SEQUENCE

1) EDIT (SUM I POP)
 2) DECONVOLUTION BEFORE STK
 3) 4800 % STK
 4) MULTI-CHANNEL FILTER NONE
 5) TV FILTER
 6) PLAYBACK
 VELOCITIES INTERPOLATED BETWEEN POINTS OF APPLICATION
 CORRECTION TO SEA LEVEL = 0
 REEL No 74246
 DATE FEB. 1973

LEGEND

INTERSECTION: LINE S.P. → FUNCTION No. V
 VELOCITY APPLIED: **100**
 VELOCITY ANALYSIS: **100**
 SHOT POINT No.: **100**
 WATER DEPTH IN METRES: **10**

LINE DE-14 Ext.

S.P. 7 to S.P. 19A

DATUM PLANE : SEA LEVEL

1 Km.

