



THE AQUAPULSE SYSTEM



AREA: MARE TIRRENO PROSPECT: ZONE "E"

WESTERN GEOPHYSICAL  
DIVISION OF LITTON INDUSTRIES  
MILAN DIGITAL CENTER

RECORDING DATA

PARTY NO. 82  
ENERGY SOURCE AQUAPULSE  
FILTER 8.5-70 HZ  
CABLE 1600 m  
GEOPHONES 32 CRYSTAL ELEMENT  
TAPERED ARRAY  
LEAD IN 800 FT.  
AMPLIFIER S.D.S. BINARY GAIN  
CHARGE SIZE 4 GUNS POP  
DATE SHOT APRIL 1968

PROCESSING INFORMATION

SAMPLE RATE 2 ms.

DECONVOLUTION

DECONVOLVED BEFORE STACK

AUTO CORR. INT. TIME VARIANT  
MAX APERTURE 0-360 ms.  
TIME ZONE 0-4 sec.  
ITERATIONS 3

TIME VARIANT FILTER

TIME ZONE	LC		HC	
	Hz	dB OCT	Hz	dB OCT
0.00 - 0.35	10	12	35	12
0.35 - 0.45	10	12	35	12
0.45 - 0.50	10	12	35	12
0.50 - 1.30	10	12	30	12
1.30 - 4.00	5	6	30	-6

PROCESSING SEQUENCE

- 1) EDIT - (SUM 3 POPS)
- 2) DECONVOLVED BEFORE STACK
- 3) NORMAL MOVE OUT
- 4) STACK 1200%
- 5) T.V. FILTER
- 6) PLAYBACK (UNFILTERED)

REEL NO 70221  
DATE MAY 1968

LINE: 117

S.P. 320D to S.P. 380

DATUM PLANE: SEA LEVEL

INTERSECTION LINE S.P.  
117 365

VELOCITY CHANGE

INTERSECTION LINE S.P.  
210 22

1-1 TMS 5587

NORTH

1-1 TMS 5576

VELOCITY CHANGE

1-1 TMS 5612

Station	Water Depth (m)
320D	
326	26
332	35
338	42
344	68
350	82
356	86
362	91
368	104
374	104
380	101

