



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'
AMPLIFIER S.D.S. BINARY GAIN
CHARGE SIZE 4 GUNS POP
DATE SHOT MARCH 1968

PROCESSING INFORMATION

SAMPLE RATE 2 ms

DECONVOLUTION

DECONVOLVED BEFORE STACK

AUTO CORR INT TIME VARIANT
MAX APERTURE 0-600 ms
TIME ZONE 0-4 sec
ITERATIONS 3

TIME VARIANT FILTER

LC HC
TIME ZONE Hz dB OCT Hz dB OCT

0-.300	25	18	50	12
300-.570	15	12	40	12
.570-1.550	10	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 71017
DATE MAY 1968

LINE: 204

S.P. 148 to S.P. 82 NORTHEAST

DATUM PLANE: SEA LEVEL

INTERSECTION
LINE S.P.
119 106

M-ITMS 5541

VELOCITY CHANGE M-ITMS 5536

WATER DEPTH 148
IN METERS

142 136 130
TOO DEEP TO REGISTER ON FATHOMETER

124 348

118 339

112 326

106 313

100 300

94 285

88 264

82 241

