



THE AQUAPULSE SYSTEM



AREA MARE TIRRENO PROSPECT ZONE E

WESTERN GEOPHYSICAL
DIVISION OF LITTON INDUSTRIES
MILAN DIGITAL CENTER

RECORDING DATA	PROCESSING INFORMATION		PROCESSING SEQUENCE
PARTY NO. 62	SAMPLE RATE 2 ms		1) EDIT - (SUM 3 POPS) - 2) DECONVOLVED BEFORE STACK 3) NORMAL MOVE OUT 4) STACK 1200% 5) TV FILTER 6) PLAYBACK (UNFILTERED)
ENERGY SOURCE AQUAPULSE	DECONVOLUTION	TIME VARIANT FILTER	
FILTER 10-80 HZ	DECONVOLVED BEFORE STACK	LC HC	
CABLE 1600 m		TIME ZONE Hz dB OCT Hz dB OCT	
GEOPHONES 32 CRYSTAL ELEMENT TAPERED ARRAY			
LEAD IN 700 FT.			
AMPLIFIER REDCORBINARY GAIN	AUTO CORR. INT. TIME VARIANT	0.00-0.30 25 24 50 12	REEL NO. 70839
CHARGE SIZE 4 GUNS POP	MAX APERTURE 0-500 ms	0.30-0.50 15 18 45 12	DATE MAY 1968
DATE SHOT MARCH 1968	TIME ZONE 0-4 sec	0.50-1.20 10 12 40 12	
	ITERATIONS 3	1.20-1.60 10 6 30 12	
		1.60-4.00 5 6 30 12	

LINE: 170

S.P. 08 to S.P. 83

DATUM PLANE: SEA LEVEL

NORTH EAST

INTERSECTION LINE S.P.
113 392

INTERSECTION LINE S.P.
109 1877

M-ITMS 5509

VELOCITY CHANGE

M-ITMS 5507

VELOCITY CHANGE

M-ITMS 5510

VELOCITY CHANGE
M-ITMS 5507

M-ITMS 5506

VELOCITY CHANGE

08
WATER DEPTH IN METRES 353

02
287

5
234

11
190

17
166

23
157

29
146

35
135

41
124

47
123

53
124

59
124

65
113

71
119

77
95

83
106

