



THE AQUAPULSE SYSTEM

LINE: **C-55IB**

S.P. **25<sup>D</sup>** to S.P. **55<sup>D</sup>**

DATUM PLANE : SEA LEVEL



AREA : PANTELLERIA

PROSPECT : ZONE "C"

WESTERN  
GEOPHYSICAL  
DIVISION OF LITTON INDUSTRIES  
MILAN DIGITAL CENTER

**RECORDING DATA**

PARTY NO. 62  
 ENERGY SOURCE AQUAPULSE  
 FILTER 10-80 HZ  
 CABLE 1600 m.  
 GEOPHONES 32 CRYSTAL ELEMENT  
TAPERED ARRAY  
 LEAD IN 760'  
 AMPLIFIER REDCOR BINARY GAIN  
 CHARGE SIZE 4 GUNS POP  
 DATE SHOT MARCH 1969

**PROCESSING INFORMATION**

SAMPLE RATE 4 ms

**DECONVOLUTION**

DECONVOLVED BEFORE STACK

AUTO CORR. INT. \_\_\_\_\_ TIME VARIANT  
 MAX. APERTURE 0-400 ms.  
 TIME ZONE \_\_\_\_\_ 0-5 Sec.  
 ITERATIONS \_\_\_\_\_ 2

**TIME VARIANT FILTER**

TIME ZONE	L.C.		H.C.	
	Hz	dB	OCT	Hz
0.125-0.300	20	6	60	6
0.300-0.500	15	6	50	6
0.500-0.900	10	6	50	6
0.900-1.300	10	6	35	6
1.300-5.000	5	6	30	6

**PROCESSING SEQUENCE**

- 1) EDIT - (SUM 4 POPS)
  - 2) DECONVOLVED BEFORE STACK
  - 3) NORMAL MOVE OUT
  - 4) 1200 % STACK
  - 5) TV FILTER
  - 6) PLAYBACK (UNFILTERED)
- ▽=VELOCITY ANALYSIS

REEL NO. 76642  
 DATE JUNE 1969

M-ITSI 5011

