



THE AQUAPULSE SYSTEM

LINE: ES-123

S.P. 362 to S.P. 284

DATUM PLANE: SEA LEVEL

EAST

AGIP

AREA: SARDINIA - ASINARA

PROSPECT: ZONE "E"

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 650 FT
AMPLIFIER RECORD 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 4

TIME VARIANT FILTER

TIME ZONE	LC	HC	
Hz	dB OCT	Hz	dB OCT
0.00 - 0.32	25	18	50
0.32 - 0.50	15	12	45
0.50 - 1.10	10	12	40
1.10 - 1.85	10	12	35
1.85 - 4.00	5	6	30

PROCESSING SEQUENCE

- 1) EDIT - (SUM 3 POPS)
- 2) DECONVOLVED BEFORE STACK
- 3) NORMAL MOVE OUT
- 4) STACK 120%
- 5) TV-FILTER
- 6) PLAYBACK (UNFILTERED)

REEL NO. 72510
DATE JULY 1968

VELOCITY CHANGE

MAMESA 5020

WATER DEPTH
IN METRES

362 356 350 344 338 332 326 320 314 308 302 296 290 284

INTERSECTION
LINE ES-228
S.P. 154

MAMESA 5015

