



THE AQUAPULSE SYSTEM

AGIP

AREA : LAMPEDUSA

PROSPECT : ZONE "C"

WESTERN
GEOPHYSICAL
DIVISION OF ILLINOIS INDUSTRIES
MILAN DIGITAL CENTER

LINE : C-1038

S.P. 335 to S.P. 443

NORTHEAST

DATUM PLANE : SEA LEVEL

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 RECORD BINARY GAIN
 CHANGE SIZE 4 GUNS POP
 DATE SHOT AUGUST 1988

PROCESSING INFORMATION

DECONVOLUTION
 SAMPLE RATE 2 ms

DECONVOLVED BEFORE STACK
 AUTO CORR. INT. TIME VARIANT
 MAX. APERTURE 0-800 m.
 TIME ZONE 0-5 Sec
 ITERATIONS 3

TIME VARIANT FILTER

TIME ZONE	HZ DB OCT	HZ DB OCT
0.00-0.350	20	19
0.350-0.800	19	12
0.800-1.500	10	12
1.500-2.000	10	12
2.000-5.000	5	12

PROCESSING SEQUENCE

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

REEL NO. 7389
 DATE NOVEMBER 1988

INTERSECTION
 LINE SP
 C-1033 389
 NCP

VELOCITY CHANGE

M - I TSI 5205

VELOCITY CHANGE

INTERSECTION
 LINE SP
 C-1031 685
 M - I TSI 5205

WATER DEPTH IN METRES 335 341 347 353 359 365 371 377 383 389 395 401 407 413 419 425 431 437 443

