

Party: 2903[†]

AGIP S.p.A.

SICILY

ZONE G

NW 3316

LINE G82.60B

3820 SE

BOAT MOTION

PL N°866

STACK 4800% DBS TVF

JAN 21 83

FIELD RECORDING 4800 %

Contractor G.S.I.

DIGITAL PROCESSING P5

Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY

SHOOTING DATE

AUG 19 82

INSTRUMENTS

DPS %

FORMAT

9 tracks 1600 BPI

FILTER

Low 8 Hz - High 128 Hz

SAMPLING

2 ms

SOURCE

AIRGUN ARRAY

DEPTH

6 m

CAPACITY

2000 m³

SP INTERVAL

25 m

STREAMER

LENGTH

2400 m

DEPTH

0-16.5 m

GROUPS

96

GROUP INTERVAL

25 m

Source

260 m

2375 m

Position of SP on section

0 1 2 3 4

2375 m

RESAMPLE TO 4 ms

DEMULPLEX EDIT

TRACE MERGING 5/4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Window # 0 2000 ms

2000-4000 ms

VELOCITY ANALYSIS (GAMUT EVERY 3ms)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800%

2000-4000 ms

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER

From sea bottom 15.65 Hz

First second uniformly 10.65 Hz

Second second uniformly 10.65 Hz

Three seconds 8.65 Hz

6.65 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO MB

POLARITY

Geophone compression (negative number on field tape)

+ white trough on display

TIME ORIGIN - M.S.L.

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

0.5 km

80 Traces/km

* C.G.G.'s processing code 127 M6 B6

COMPAGNIE GENERALE DE GEOPHYSIQUE

1, Rue Giscard, 93201, NOISY - FRANCE

