

Party: 2903*

AGIP S.p.A.

SICILY

ZONE G

WNW

1130

LINE

G82.92

616

ESE

BOAT MOTION

←

PL N°683

STACK 4800% DBS.TVF

JAN 3 83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLDES

SHOOTING DATE JULY 11 82

INSTRUMENTS

DIS X

FORMAT 9 tracks 1800 BP

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 ± 16.5 m

GROUPS 96

GROUP INTERVAL 25 m

Diagram showing source position and streamer layout.

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTIPLEX EDIT

TRACE MERGING 5/4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator length 200 ms

Windows * 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

From sea bottom 15-65 Hz

First uniformity 12-60 Hz

Two seconds 8-50 Hz

Three seconds 6-35 Hz

TIME VARIANT FILTER

One second after first uniformity 1030 Hz

Two seconds 8-50 Hz

Three seconds 6-35 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO: WB

POLARITY

Geophone compression (negative number on field tape)

* Write trough on display

TIME ORIGIN M 5.1

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

0.5 km

80 Traces/km

* C.G.G.'s processing code 127 M6 R6

COMPAGNIE GENERALE DE GEOPHYSIQUE

5, Rue Galvani 91301 MASSY - FRANCE

