

Party: 2903*

AGIP S.p.A.

SICILY

ZONE G

NW 2811

LINE G82.60B

3315 SE

BOAT MOTION →

PL N°865

STACK 4800% DBS.TVF

JAN 21.83**

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE AUG 19.82

INSTRUMENTS

DPS X

FORMAT 9 tracks 1600 BPI

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

ARGUN 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

DEMUTIPLEX EDIT

TRACE MERGING 5/4 *

TRUE AMPLITUDE RECOVERY

SPIRICAL DIVERGENCE COMPENSATION

ARGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator length 200 ms

Windows * 0 - 2000 ms

2000 4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC -15 ms

TIME VARIANT FILTER

From sea bottom 15 - 65 Hz

First second after first unconformity 12 - 60 Hz

Two seconds after first unconformity 10 - 50 Hz

Three seconds 8 - 40 Hz

Trace equalization

ANALOG DISPLAY

TIME ZERO MS

POLARITY

Geophone compression negative number on field tape

where trough on display

TIME ORIGIN 11 S.1

Source and streamer static correction applied - 15 ms

HORIZONTAL SCALE

80 Traces/km

0.5 km

C.G.G. processing code 127 M6.86

COMPAGNIE GENERALE DE GEOPHYSIQUE

6, Rue Galvani - 93301 MASSY - FRANCE

