

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SW3241

LINE G82.35A

3657NE

BOAT MOTION

→

PL N°627

STACK 4800%.DBS.TVF

DEC 17 82

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P.5
Sequence in 4 ms

SHIP

W/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE JUNE 26 82

INSTRUMENTS

DPS X

FORMAT 9 tracks 1600 BPI

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY 6 m

DEPTH 2000 m

CAPACITY 2000 m

SP INTERVAL 25 m

STREAMER

LENGTH 2400 m

DEPTH 18.5 m

GROUPS 96

GROUP INTERVAL 25 m

RESAMPLE TO 4 ms

DEMULTIPLEX 1/2

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 (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 uncertainty 12/60 Hz

One second after first uncertainty 10/50 Hz

Two seconds 8/40 Hz

Three seconds 6/35 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

POLARITY

Geophone compression - negative number on field tape

white trough on display

TIME ORIGIN M 5.1

Source and streamer static correction applied - 15 ms

HORIZONTAL SCALE

0.5 km

80 Traces/km

Source

264 m

2375 m

Position of SP on section

* C.G.G.'s processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

A. Rue Odeve - 93201 - MANTY - FRANCE

