

Party : 2903*

AGIP S.p.A.

SICILY

ZONE G

NW 3556

LINE G82.71A

4090 SE

BOAT MOTION

→

PL N°923

STACK 4800%.DBS.TVF

FEB 10 83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE AUG 11 82

INSTRUMENTS

D/S 2

FORMAT 9 tracks 1800 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 16.5 m

GROUPS 96

GROUP INTERVAL 25 m

Source

2375 m

Position of SP on section

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMUTIPLEX EDIT

TRACE MERGING 5/4

TRUE AMPLITUDE RECOVERY

SPHERICAL OVERSAMPLING

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Window 2000-4000 m/s

VELOCITY ANALYSIS (ANVIT EVERY 3km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 X

SHOT AND STREAMER STATIC 15m

From sea bottom 10 60 70 80

First uniformity 12 60 Hz

One second after first uniformity 10/50 Hz

Two seconds 8/50 Hz

Three seconds 6/35 Hz

TIME VARIANT FILTER

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO MS

POLARITY

Geophone compression - negative number on field tape

while trough on display

TIME ORIGIN: M.S.L.

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

80 Traces/km

0.5 km

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

COMPAGNIE GENERALE DE GEOPHYSIQUE

1, rue Solvay, 91201 - MASSY - FRANCE

