

Party: 2903*

AGIP S.p.A.

SICILY

ZONE G

SW3845

LINE G82.28A

3321NE

BOAT MOTION ←

PL N°891

STACK 4800% .DBS.TVF

JAN 24 '83

FIELD RECORDING 4800 %

Contractor G 5.1

DIGITAL PROCESSING P5

Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE AUG 25 '82

INSTRUMENTS

DRS X

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

260 m

2375 m

Position of SP on section

RESAMPLE TO 4 ms

DEMULPLEX EDIT

TRACE MERGING 3/4/4

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows 0.2000 ms

2000-4000 m/s

VELOCITY ANALYSIS (ANVIT EVERY 3 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 K

SHOT AND STREAMER STATIC ±15 ms

From sea bottom 15 / 65 Hz

First uniformity 27.60 Hz

TIME VARIANT FILTER One second after first uniformity 6.90 Hz

Two seconds 6.35 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

K TIME 2380 ms

POLARITY

Geophone compression negative number on field tape

Source and streamer static correction applied ± 15 ms

TIME ORIGIN M S L

HORIZONTAL SCALE 0.5 km

50 Traces/km

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

COMPAGNIE GENERALE DE GEOPHYSIQUE

2, Rue Galvani - 91301 - MASSY - FRANCE

