

Partly 2903°

AGIP S.p.A.

SICILY

ZONE G

S 101

LINE G82.81

515 N

BOAT MOTION

→

PL N° 612

STACK 4800% DBS.TVF

DEC 15, 82

FIELD RECORDING 4800 %

Contractor G 51

DIGITAL PROCESSING P 5

Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE JULY 8, 82

INSTRUMENTS

DFS %

FORMAT 9 Tracks 1600 BPH

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

RESAMPLE TO 4 ms

DEMUTIPLEX 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 (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 uniformly 12 (65 Hz)

One second after first uniformly 1050 Hz

Two seconds 8 (45 Hz)

Three seconds 6 (35 Hz)

TRACE EQUALIZATION

ANALOG DISPLAY

*TIME ZERO WB

POLARITY

Geophone compression (negative number on field tape)

Source and streamer static correction applied +15 ms

TIME ORIGIN M 5 L

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 M 6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

6, Rue Galvani - 91001 - MASSY - FRANCE

