

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

NW 3406

LINE G82.56C

3747 SE

BOAT MOTION

→

PL N°757

STACK 4800%-DBS.TVF

DEC 30 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDG

SHOOTING DATE AUG 27 82

INSTRUMENTS

DPS II

9 tracks 1800 BPI

Filter Low 8 Hz, High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

6 m

DEPTH 2000 m

CAPACITY 25 m

SP INTERVAL 25 m

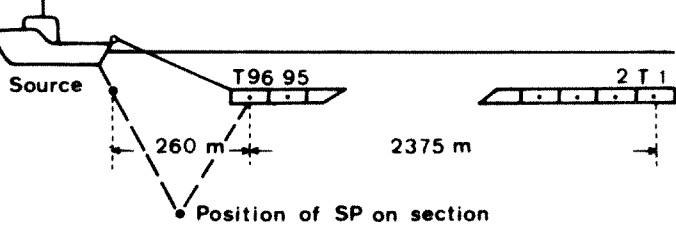
STREAMER

LENGTH 2400 m

DEPTH 16.5 m

GROUPS 96

GROUP INTERVAL 25 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 DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows 0-2000 ms

3000-4000 ms

VELOCITY ANALYSIS (ANWIT EVERY 3km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 x

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER

From sea bottom 15/65 Hz

First unconformity 12/60 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 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 GÉNÉRALE DE GÉOPHYSIQUE

5, Rue Galvani - 91301 MASSY - FRANCE

