

Party: 2903*

AGIP S.p.A.

SICILY

ZONE G

S1491

LINE

G82.76

1031

N

BOAT MOTION

←

PL N°621

STACK 4800%. DBS.TVF

DEC 16 82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE JULY 4 82

INSTRUMENTS

DPS X

FORMAT 9 tracks 1600 BPI

FILTER Low 8 Hz., High 128 Hz

SAMPLING 2 ms

SOURCE

ARGUN ARRAY

DEPTH 6 m

CAPACITY 2000 m³

SP INTERVAL 25 m

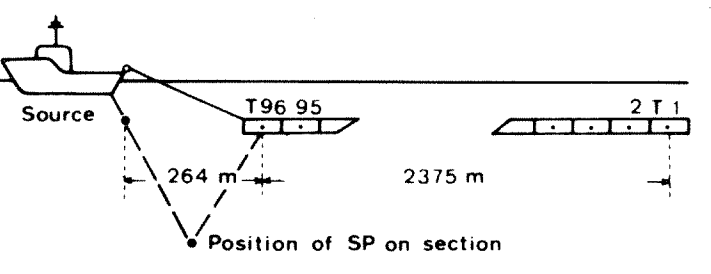
STREAMER

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

DEMULPLEX EDIT

TRACE MERGING 5/4

TRACE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

ARGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows 2000-4000 ms

VELOCITY ANALYSIS (ANVT 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 15-60 Hz

First uncertainty 12-60 Hz

One second after first uncertainty 10/50 Hz

Two seconds 8-40 Hz

Three seconds 6-30 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

POLARITY

Seaphone 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 B6

COMPAGNIE GÉNÉRALE DE GÉOPHYSIQUE

8, Rue Galvani - 91201 MASSY - FRANCE

