

Party: 2903*

AGIP S.p.A.

SICILY

ZONE G

WSW 4145

LINE G82.88B

3836 ENE

BOAT MOTION ←

PL N°663

STACK 4800% DBS.TVF

DEC 28 '82

FIELD RECORDING 4800 %

Contractor G.S.I.

DIGITAL PROCESSING P.5

Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE JULY 9 '82

INSTRUMENTS

DPS 3

FORMAT 9 tracks 1600 BPI

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

DEPTH 6 m

CAPACITY 2000 in³

SP INTERVAL 25 m

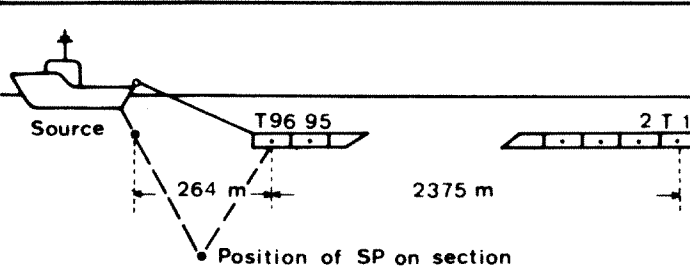
STREAMER

LENGTH 2400 m

DEPTH 16.5 m

GROUPS 96

GROUP INTERVAL 25 m



Source

264 m

2375 m

Position of SP on section

RESAMPLE TO 4 ms

DEMULPLEX 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 K

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 90/50 Hz

Two seconds 840 Hz

Three seconds 6130 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

POLARITY

Geophone compression -negative number on field tape

-white trough on display

TIME ORIGIN : M.S.L.

Source and streamer static correction applied -15 ms

HORIZONTAL SCALE

0.5 Km

80 Traces/km

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

COMPAGNIE GENERALE DE GEOPHYSIQUE

9, Rue Galvani-91301-MASSY-FRANCE

