

Party: 2903

AGIP S.p.A.

SICILY
ZONE G

NW 2361

LINE G82.56A

2892 SE

BOAT MOTION

PL N°787

STACK 4800%.DBS.TVF

JAN 10 83

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE JUNE 29 82

INSTRUMENTS

DEFS 3

FORMAT 9 Tracks 1600 BPI

FILTER 160 Hz, high 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

DEPTH 6 m

CAPACITY 2000 m+

SP INTERVAL 25 m

STREAMER

LENGTH 2400 m

DEPTH 16.5 m

GROUPS 88

GROUP INTERVAL 25 m

Source

Position of SP on section

RESAMPLE TO 4 ms

DEMULTIPLY EDIT

TRACE MERGING 5/4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 31 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows 0 2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANUIT 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 unconformity 12 - 60 Hz

Two seconds after first unconformity 10-20 Hz

Three seconds 8-60 Hz

Three seconds 0-10 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO MID

POLARITY

Geophone compression negative number on field tape

white trough on display

TIME ORIGIN

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

80 Traces/km

0.5 km

0.5 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

8, Rue Galvani - 93301 - MARSY - FRANCE

