

Party: 2903

AGIP S.p.A.

SICILY
ZONE G

SSW 540

LINE G82.103

101 NNE

BOAT MOTION

←

PL N°402

STACK 4800% .DBS.TVF

NOV 16 82

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY

SHOOTING DATE JULY 24 82

INSTRUMENTS

D.F.S. V

FORMAT 9 tracks 1600 BPI

FILTER Low 8 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 96

GROUP INTERVAL 25 m

RESAMPLE TO 4 ms

DEMULTEPLEX EDIT

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows 2000 ms

2000 - 4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 km) V

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC + 15 ms

TIME VARIANT FILTER

0 - 400 ms 12/60 Hz

800 ms 10/45 Hz TARGET

1400 ms 8/45 Hz

2000 - 6000 ms 6/30 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

TIME ZERO WB

POLARITY

Geophone compression negative number on field tape

White trough on display

TIME ORIGIN M.S.T.

Source and streamer static correction applied + 15 ms

HORIZONTAL SCALE

0.5 km

80 Traces/km

Source

264 m

196.95

2.11

2375 m

Position of SP on section

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

COMPAGNIE GENERALE DE GEOPHYSIQUE

4, Rue Galvani - 91301 MASSY - FRANCE

