

Party : 2903

AGIP S.p.A.

SICILY
ZONE G

S565

LINE G82.76

101 N

BOAT MOTION

PL N°619

STACK 4800%.DBS.TVF

DEC 16 82

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

MIV ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE JULY 4 82

INSTRUMENTS

DPS X

FORMAT 9 TRKS 1600 BPI

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN 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

Diagram of source and streamer layout with dimensions: 2375 m, 284 m, 100 m, 95 m.

RESAMPLE TO 4 ms

DEMUTIPLEX EDIT

TRACE MERGING 5/4

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

DECONVOLUTION

Operator Length 200 ms

Windows 2000 - 4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 km)

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

Two seconds 8 40 Hz

Three seconds 6 25 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

POLARITY

Geophone 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

0.5 km

80 Traces/km

CGO's processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

6, Rue Galvani - 93301 - MARSY - FRANCE

