

Party: 2903*

AGIP S.p.A.

SICILY

ZONE G

WSW 1606

LINE G82.91

1106 ENE

BOAT MOTION

←

PL N°680

STACK 4800%.DBS.TVF

DEC 31 82

FIELD RECORDING 4800 %

Contractor G.S.I.

DIGITAL PROCESSING P5

Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLDES

SHOOTING DATE JULY 7 82

INSTRUMENTS

DP5 X

FORMAT 9 tracks 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

RESAMPLE TO 4 ms

DEMATELX EDIT

TRACE MERGING S/G *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

NOTES

DECONVOLUTION

Operator Length 500 ms

Window * 0 2000 ms

2000 4000 ms

VELOCITY ANALYSIS (LENT: EVERY 3 sec)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800%

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER

From sea bottom 30 80 120 160

First unconf. 10 80 Hz

One second after first unconf. 1050 Hz

Three seconds 840 Hz

Three seconds 635 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

POLARITY

Geophone compression: negative number on field tape

white trough on display

TIME ORIGIN M.S.I.

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

80 Tracks/km

0.5 km

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

COMPAGNIE GENERALE DE GEOPHYSIQUE

6, rue Galvani - 93011 MASSY - FRANCE

