

Party : 2903'

AGIP S.p.A.

SICILY
ZONE G

WSW 605

LINE G82.91

101 ENE

BOAT MOTION

←

PL N°678

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 SYLEDIS

SHOOTING DATE JULY 7 82

INSTRUMENTS

D/S X

FORMAT 9 tracks 1600 BPI

FILTER Line 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 position on section

RESAMPLE TO 4 ms

DEMULTIPLEX EDIT

TRACE MERGING 5/4

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator length 200 ms

Windows 20 2000 ms

2000 4000 ms

VELOCITY ANALYSIS (ENVY 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 15.85 Hz

First uncertainty 12.60 Hz

One second after first uncertainty 10.50 Hz

Two seconds 8.50 Hz

Three seconds 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.L.

Source and streamer static correction applied + 15 ms

HORIZONTAL SCALE

0.5 km

80 Traces/km

* C.G.S. processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

5, Rue Gutenberg - 91201, MASSY - FRANCE

