

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

WNW 696

LINE G82.154D

1290 ESE

BOAT MOTION

PL N°423

STACK 4800%. DBS.TVF

NOV 17 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE JULY 27 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

Diagram of source position on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTIPLEX EDIT

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTIS

DECONVOLUTION

Operator Length 200 ms

Window * 0-2000 ms

Window * 2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 km)

AND CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800%

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER

0-400 ms 12/160 Hz

800 ms 10/145 Hz

1400 ms 8/145 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.L.

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

80 Traces/km

0.5 Km

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

COMPAGNIE GENERALE DE GEOPHYSIQUE

8, Rue Oulevart - 91301-MASSY-FRANCE

