

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SW 1271 LINE **G82.32A** 1800 NE

BOAT MOTION →

PL N°894

STACK 4800%. DBS.TVF

JAN 19 83

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL..... SYLEDIS

NAVIGATION BY.....

SHOOTING DATE..... AUG 26 82

INSTRUMENTS

DPS 32

FORMAT..... 9 tracks 1800 BPI

FILTER..... Low 8 Hz - High 128 Hz

SAMPLING..... 2 ms

SOURCE

AIRGUN ARRAY..... 6 m

DEPTH..... 2000 m

CAPACITY..... 25 m

SP INTERVAL..... 25 m

STREAMER

LENGTH..... 2400 m

DEPTH..... 16.5 m

GROUPS..... 96

GROUP INTERVAL..... 25 m

Diagram of ship and streamer with 2375 m scale bar

Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms

COMPLEXITY EDIT

TRACE MERGING 5/A *

TRUE AMPLITUDE RECOVERY

SPHERICAL OVERGAINS COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows * 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3km) ↓

WMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING →

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER

From sea bottom 30-60 Hz

First uncertainty 12-60 Hz

One second after first uncertainty 800 Hz

Three seconds - 6/35 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO MS

POLARITY

Geophone compression +negative number on field tape

+white trough on display

TIME ORIGIN M S L

Source and streamer. 480% correction applied +15 ms

HORIZONTAL SCALE:

80 Traces/km

0.5 km

* CGG's processing code 127 M8 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

8, Rue Galvani - 93501 - MASSY - FRANCE

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