

Party: 2903*

AGIP S.p.A.

SICILY

ZONE G

SW621

LINE G82.48

1225 NE

BOAT MOTION

→

PL N°523

STACK 4800%. DBS.TVF

NOV 25 82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY 51LEDS

SHOOTING DATE JUNE 16 82

INSTRUMENTS

DP5 X 9 tracks 1800 BPI

FORMAT 1200 ms

FILTER Low 8 Hz, High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY 6 m

DEPTH 2000 m

CAPACITY 2000 m

SP INTERVAL 25 m

STREAMERS

LENGTH 2400 m

DEPTH 16.5 m

GROUPS 96

GROUP INTERVAL 25 m

Diagram of source position on section

Source 264

Position of SP on section

2375 m

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMATELIX EDIT

TRACE MERGING 3/2 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows # 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (SAUTY EVERY 3 ms)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER

0-400 Hz 12/60 Hz

400-800 Hz 6/45 Hz

800-1600 Hz 6/45 Hz

1600-3200 Hz 6/35 Hz

3200-6400 Hz 6/35 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

* CGG's processing code 127-M6.96

COMPAGNIE GÉNÉRALE DE GÉOPHYSIQUE

5, Rue Galvani - 91301, MASSY - FRANCE

