

Party : 2903*

AGIP S.p.A.

SICILY

ZONE G

WNW2700

LINE

G82.149D

2181

ESE

BOAT MOTION

←

PL N°467

STACK 4800%-DBS.TVF

NOV 29 82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLDES

SHOOTING DATE JULY 31 82

INSTRUMENTS

DP'S 2

FORMAT 9 tracks 1600 BPI

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

ARGON 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 streamer and source position

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTIPLIER 400

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

ARGON DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Window 2000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800

SPLIT AND STREAMER STATIC -15ms

TIME VARIANT FILTER

0-400 ms 12/60 Hz

400-800 ms 10/45 Hz TARGET

800-1400 ms 8/45 Hz

1400-2000 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.I.

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

6, Rue Galvani - 91301-MASSY - FRANCE

