

Party : 2903⁺

AGIP S.p.A.

SICILY
ZONE G

WNW 3736

LINE G82.149D

3216 ESE

BOAT MOTION ←

PL N°469

STACK 4800% DBS.TVF

NOV 29 82

FIELD RECORDING 4800 %
Contractor G S I

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLDES

SHOOTING DATE JULY 31 82

INSTRUMENTS

D/S X

FORMAT 9 tracks 1600 BPI

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

IRGUN 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 layout with dimensions: 196.95 m, 264 m, 2375 m. Position of SP on section.

RESAMPLE TO 4 ms

DEMULTIPLEX EDIT

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

IRGUN DELAY 51 ms

NOTES

DECONVOLUTION

Operator Length 200 ms

Window 2000-4000 ms

VELOCITY ANALYSIS 1km/1 EVERY 3km/1

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800

SPOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER

0-400 ms 12/60 Hz

400 ms 10/45 Hz TARGET

400 ms 8/45 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

6, Rue Galvani - 91301 - MASSY - FRANCE

