

Party : 2903*

AGIP S.p.A.

SICILY

ZONE G

WNW 1660

LINE G82.149D

1141 ESE

BOAT MOTION ←

PL N°465

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..... SYLEDIS

SHOOTING DATE..... JULY 31 82

INSTRUMENTS

DFS X..... 8 Tracks 1600 BPI

FORMAT..... Line 8 Hz, High 128 Hz

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..... 98

GROUP INTERVAL..... 25 m

Diagram of source and streamer layout with dimensions: 264 m, 2375 m, 2 m.

RESAMPLE TO 4 ms

DEMULTEPLEX EDIT

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 (ANWIT EVERY 3km) ▽

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING →

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER* { 0-400 ms 12/60 Hz 900 ms 10/45 Hz 1400 ms 8/45 Hz 2000-6000 ms 6/30 Hz TARGET

TRACE EQUALIZATION

ANALOG DISPLAY

*TIME ZERO WB

POLARITY

Geophone compression = negative number on field tape

White trough on display

TIME ORIGIN W 5 +

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE 0.5 km

80 Traces/km

* CCG s processing code 127 M6 B6

COMPAGNIE GENERALE DE GEOPHYSIQUE

A. Rex Galsani - 91301 - MASSY - FRANCE

