

Party: 2903*

AGIP S.p.A.

SICILY

ZONE G

SW 665

LINE G82.42

101 NE

BOAT MOTION ←

PL N°547

STACK 4800%.DBS.TVF

NOV 30, 82

FIELD RECORDING 4800 %

Contractor G S.I

DIGITAL PROCESSING P5

Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY

SHOOTING DATE

STYLES

JUNE 15 82

INSTRUMENTS

DP-5 X

FORMAT

9 tracks 1600 BPI

FILTER

Low 8 Hz - High 128 Hz

SAMPLING

2 ms

SOURCE

AIRGUN ARRAY

DEPTH

6 m

CAPACITY

2000 in³

SP INTERVAL

25 m

STREAMER

LENGTH

2400 m

DEPTH

16.5 m

GROUPS

96

GROUP INTERVAL

25 m

Diagram of source and streamer layout

Source

26.4 m

2375 m

Position of SP on section

RESAMPLE TO 4 ms

DEMUTIPLEX EDIT

TRACE MERGING 3/2*

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows 2000 - 4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER *

0-400 Hz 12/80 Hz

900 ms 10/60 Hz

1600 ms 8/40 Hz

2000 ms 8/40 Hz

2600-6000ms 6/35 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

*TIME ZERO WS

POLARITY

Geophone compression - negative number on field tape

reverse 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

5, Rue Galvani - 93101 - MONTREUIL - FRANCE

