

Party: 2903'

AGIP S.p.A.

SICILY

ZONE G

SSW 630

LINE G82.114

1160 NNE

BOAT MOTION

PL N°202

STACK 4800%.DBS.TVF

OCT 13.82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE JUNE 1.82

INSTRUMENTS

DFS X

FORMAT 9 tracks 1600 BPI

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 96

GROUP INTERVAL 25 m

Diagram of source and streamer positions with dimensions 236.95 m, 2375 m, and 27.1 m.

DIGITAL PROCESSING P 5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULIPLY EDIT

TRACE MERGING 5/4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIR GUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

STACK 4800 %

Windows * 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

Windows * 0-2000 ms

2000-4000 ms

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER

0-1000 ms * 12/80 Hz

2000-5000 ms ** 9/48 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

** FOLLOWING TARGET

POLARITY

Geophone compression negative number on field tape

White trough on display positive reflection coefficient

TIME ORIGIN M.S.L.

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

0.5 Km

80 Traces/km

C.G.G.'s processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

6, Rue Galvani - 93201 - MANTY - FRANCE

