

Party: 2903"

AGIP S.p.A.

SICILY
ZONE G

SSW1401

LINE G82.121

2006 NNE

BOAT MOTION

PL N°274

STACK 4800%.DBS.TVF

OCT 25.82

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P 5
Sequence in 4 ms

SHIP

W/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE MAY 29.82

INSTRUMENTS

DPS II

FORMAT 9 tracks 1800 BPI

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

DEPTH 8 m

CAPACITY 2000 m³

SP INTERVAL 25 m

STREAMER

LENGTH 2400 m

DEPTH ±16.5 m

GROUPS 86

GROUP INTERVAL 25 m

Source

240 m

2375 m

Position of SP on section

RESAMPLE 10.4 ms

DEMULTEPLEX EDIT

TRACE MERGING 5/4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIR GUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator length 200 ms

Windows* 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER

0-1000 ms * 12 / 65 Hz

2000-3000 ms * 9 / 28 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

** FOLLOWING TARGET

POLARITY

Geophone compression: negative number on field tape

While Trough on display: positive reflection coefficient

TIME ORIGIN W.S.I.

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

0.5 km

80 Traces/km

* C.G.G.'s processing code 127 M8 08

COMPAGNIE GENERALE DE GEOPHYSIQUE

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