

Party: 2903'

AGIP S.p.A.

SICILY

ZONE G

WSW 1825

LINE G82.115

1250 ENE

BOAT MOTION ←

PL N° 314

STACK 4800%.DBS.TVF

NOV 4 '82

FIELD RECORDING 4800 %

Contractor G.S.I

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDS

SHOOTING DATE JUNE 1 '82

INSTRUMENTS

DPS X

FORMAT 9 tracks 1600 BPI

FILTER low 8 Hz - high 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

DEPTH 6 m

CAPACITY 2000 µF

SP INTERVAL 25 m

STREAMER

LENGTH 2400 m

DEPTH ±16.5 m

GROUPS 96

GROUP INTERVAL 25 m

Source

260 m

2375 m

Position of SP on section

DIGITAL PROCESSING P.5

Sequence in 4 ms

RESAMPLE TO 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 (ANVT EVERY 3 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC ±15 ms

TIME VARIANT FILTER

0-1000 ms * 12 / 65 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

80 Traces/km

0.5 km

* C.G.G. s. processing code 127 M.6.86

COMPAGNIE GENERALE DE GEOPHYSIQUE

6, Rue Gohaut - 91301, MASSY - FRANCE

