

Party: 2903 *

AGIP S.p.A.

SICILY

ZONE G

SW 989

LINE G82.41

546 NE

BOAT MOTION ←

PL N°535

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 JUNE 22 82

INSTRUMENTS

DPS X 9 tracks 1600 BPI

FORMAT 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

RESAMPLE TO 4 ms

DEMUTIPLEX EDIT

TRACE MIRRORING 3/2 *

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 (ANUIT 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 ms 12/80 Hz

900 ms 10/45 Hz

1400 ms 8/45 Hz

2000 ms 8/40 Hz

2600 - 8000 ms 6/35 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

*TIME ZERO WB

POLARITY

Geophone compression = negative number on field tape

Twice trough on display

TIME ORIGIN M.S.L.

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

80 Traces/km

0.5 Km

CGG's processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

6, Rue Galvani - 91301 - MASSY - FRANCE

