

Party: 2903*

AGIP S.p.A.

SICILY

ZONE G

NW 535

LINE G82.60

101 SE

BOAT MOTION ←

PL N°585

STACK 4800% .DBS.TVF

DEC 10, 82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE JUNE 18, 82

INSTRUMENTS

DFS X

FORMAT 9 tracks 1800 BPI

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

DEPTH 6 m

CAPACITY 2000 in²

SP INTERVAL 25 m

STREAMER

LENGTH 2400 m

DEPTH ± 16.5 m

GROUPS 96

GROUP INTERVAL 25 m

Source

T96 95

264 m

2375 m

Position of SP on section

DIGITAL PROCESSING P.5

Sequence in 4 ms

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 * 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 km) ↓

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING → velocity functions

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER *

0-400 ms 12/80 Hz

400-800 ms 10/45 Hz

800-1600 ms 8/45 Hz

1600-3200 ms 6/40 Hz

3200-6400 ms 6/35 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

TIME ZERO WB

POLARITY

Geophone compression: negative number on field tape

white trough on display

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 - 91201 - MASSY - FRANCE

