

Party: 2903*

AGIP S.p.A.

SICILY

ZONE G

SW 521

LINE G82.18

940 NE

BOAT MOTION

PL N°811

STACK 4800%. DBS.TVF

JAN 17 '83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY: SYLEDIS

SHOOTING DATE: AUG 19 82

INSTRUMENTS

DPS 2

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

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMUTIPLEX EDIT

TRACE MERGING 5/4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows * 2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 km)

NMO CORRECTIONS (Linear interpolation between

OFFSET DEPENDENT SCALING (velocity functions)

STACK 4800 %

SHOT AND STREAMER STATIC -15 ms

TIME VARIANT FILTER (One second after first uncertainty 10150 Hz

From sea bottom 15 / 60 Hz

First uncertainty 12 / 60 Hz

Two seconds 8 / 60 Hz

Three seconds 6 / 35 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

POLARITY

Geophone compression (negative number on field tape

= wave trough on display)

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 M6 B6

COMPAGNIE GENERALE DE GEOPHYSIQUE

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