

Party: 2903*

AGIP S.p.A.

SICILY

ZONE G

SW2011

LINE

G82.29C

2487NE

BOAT MOTION

→

PL N°839

STACK 4800%.DBS.TVF

JAN 21 '83

FIELD RECORDING 4800 %

Contractor G.S.I.

DIGITAL PROCESSING P5

Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE AUG 28 '82

INSTRUMENTS

DFS 3

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

RESAMPLE TO 4 ms

DEMULIPLY 1.001

TRACE MERGING 5/4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator length 200 ms

Window length 2000 ms

Window step 2000 ms

VELOCITY ANALYSIS (input every 3 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800%

SHOT AND STREAMER STATIC - 15 ms

From sea bottom 12.65 Hz

First uniformity 12.60 Hz

One second after first uniformity 6.90 Hz

Two seconds 6.90 Hz

Three seconds 6.90 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

POLARITY

Geophone compression - negative number on field tape

Whole trough on display

TIME ORIGIN M.S.L.

Source and streamer static correction applied - 15 ms

HORIZONTAL SCALE

80 Traces/km

Position of SP on section

Source

2375 m

H.C.G.G.'s processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

8, Rue Galvani - 93201 - MARSY - FRANCE

