

Party: 2903

AGIP S.p.A.

SICILY

ZONE G

SW 3887

LINE G82.33A

3346 NE

BOAT MOTION

PL N°909

STACK 4800%.DBS.TVF

JAN 3 '83

FIELD RECORDING 4800 %

Contractor G S I

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE AUG 29 82

INSTRUMENTS

DFS V

FORMAT 9 tracks 1600 BPI

FILTERS 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

Diagram of source and streamer position on section

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DENULPLEX EDIT

TRACE MERGING 1/4"

TRACE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

NOTES

DECONVOLUTION

Operator Length 200 ms

Window 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANALYT EVERY 34 ms)

NMO CORRECTIONS (Linear interpolation between velocity functional)

OFFSET DEPENDENT SCALING

STACK 4800%

SHOT AND STREAMER STATIC -15 ms

TIME VARIANT FILTER

From sea bottom 15-65 Hz

First unconformity 15-65 Hz

One second after first unconformity 10/50 ms

Five seconds 12-80 Hz

Three seconds 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

80 Traces/km

0.5 Km

CGG's processing code 127 ME 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

4, Rue Gohier - 91301 MASSY - FRANCE

