

Party: 2903

AGIP S.p.A.

SICILY

ZONE G

SW 101

LINE G82.24

665 NE

BOAT MOTION

PL N°899

STACK 4800% DBS.TVF

FEB 10 83

FIELD RECORDING 4800 %

Contractor G.S.I.

DIGITAL PROCESSING P5

Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDS

SHOOTING DATE AUG 23 82

INSTRUMENTS

DP 5, X

FORESET 9 tracks 1800 BP

FILTER Low 8 Hz, High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

DEPTH 6 m

CAPACITY 2000 m3

SP INTERVAL 15 m

STREAMER

LENGTH 2400 m

DEPTH 16.5 m

GROUPS 84

GROUP INTERVAL 25 m

Diagram of ship and streamer

RESAMPLE TO 4 ms

DEMULTIPLEX EDIT

TRACE MERGING 5/4

TRACE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Window 4 0 2000 ms

2000 4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 km)

AND CORRECTIONS (Linear integration between velocity functions)

OFFSET DEPENDENT SCALING

SLICK AREA

SPLIT AND STREAMER STATIC 15 ms

From sea bottom 15.83 Hz

First uncoupling 12.10 Hz

TIME VARIANT FILTER One second after first uncoupling 1030 Hz

Two seconds 84 Hz

Three seconds 630 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

TIME 2000 MS

POLARITY

Geophone compression negative number on field tape

Source and streamer static correction applied 15 ms

HORIZONTAL SCALE

80 Traces/km

0.5 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

1, Rue Giscard d'Estaing - 92087 PARIS - FRANCE

