

Party: 2903*

AGIP S.p.A.

SICILY

ZONE G

SW695

LINE G82.46

101 NE

BOAT MOTION ←

PL N°536

STACK 4800%. DBS.TVF

NOV 30 82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY

SHOOTING DATE

JUN 22 82

INSTRUMENTS

DFS 5

FORMAT

9 tracks 1800 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

Diagram of source and streamer geometry

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTEPLEX EDIT

TRACE MERGING 2/2*

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Window 1 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANNT EVERY 3 km)

WMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER*

0-400 ms 12/60 Hz

400-800 ms 8/45 Hz

800-1600 ms 6/35 Hz

1600-3200 ms 4/25 Hz

3200-6400 ms 2/15 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

TIME ZERO WB

POLARITY

Geophone compression - negative number on field tape

white trough on display

TIME ORIGIN W 5.1

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

0.5 Km

80 Traces/km

CGG S processing code 127 MB 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

2, Rue Gellert - 91301 MASSY - FRANCE

