

Party: 2903

AGIP S.p.A.

SICILY
ZONE G

SSW 1071

LINE G82-138A

705 NNE

BOAT MOTION

PL N° 232

STACK 4800%.DBS.TVF

OCT 14 82

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P 5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDS

SHOOTING DATE LINE 24 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 m²

SP INTERVAL 25 m

STREAMER

LENGTH 2400 m

DEPTH 16.5 m

GROUPS 96

GROUP INTERVAL 25 m

Diagram of source position on section

RESAMPLE TO 4 ms

DEMUTIPLEX EDIT

TRACE MERGING 5/4

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIR GUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows 2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER

0-1000 ms 12.65 Hz

2000-5000 ms 9.48 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

** FOLLOWING TARGET

POLARITY

Geophone compression - negative number on field tape

While trough on display - positive reflection coefficient

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 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

5, Rue Galvani - 91301 MASSY - FRANCE

