

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SSW 1666

LINE G82.135

1145 NNE

BOAT MOTION ←

PL N°226

STACK 4800%.DBS.TVF

OCT 13.82

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P.5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE MAY 25.82

INSTRUMENTS

D/S X

FORMAT 9 tracks 1600 RPI

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 SP on section

RESAMPLE TO 4 ms

DEMULITPLEX EDIT

TRACE MERGING 5/4*

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIR GUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3km.)

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 / 60 Hz

2000-5000 ms ** 2 / 48 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

** FOLLOWING TARGET

POLARITY

Geophone compression: negative number on field tape

White 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

8, Rue Galvani - 91301 - MASSY - FRANCE

