

Party: 2903*

AGIP S.p.A.

SICILY

ZONE G

SSW 101

LINE G82.117

665 NNE

BOAT MOTION

PL N°207

STACK 4800%.DBS.TVF

OCT 13.82

FIELD RECORDING 4800 %

Contractor G.S.I

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE MAY 31.82

INSTRUMENTS

DPS 3

FORMAT 9 tracks 1600 BPI

FILTER Low 0 Hz - High 120 Hz

SAMPLING 3 ms

SOURCE

AIRGUN ARRAY

DEPTH 6 m

CAPACITY 2000 uA

SP INTERVAL 25 m

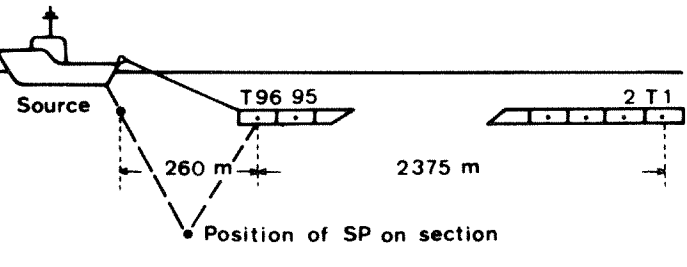
STREAMER

LENGTH 2400 m

DEPTH 16.5 m

GROUPS 96

GROUP INTERVAL 25 m



DIGITAL PROCESSING P.5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULIPLIX EDIT

TRACE MERGING 5/4*

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIR GUN DELAY 31 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows 0-2000 ms

3000-4000 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 * 12/65 Hz

2000-3000 ms * 9/48 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

* C.G.G.'s processing code 127 M6.86

 COMPAGNIE GENERALE DE GEOPHYSIQUE

1, rue Galvani - 93011 NANTY - FRANCE

