

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SSW 710

LINE G82.112

1333 NNE

BOAT MOTION

→

PL N°221

STACK 4800%.DBS.TVF

OCT 13 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE JUNE 2-82

INSTRUMENTS

DPS X

FORMAT 9 tracks 1600 BPI

FILTER Low 8 Hz - high 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

DEPTH 6 m

CAPACITY 2000 µF

SP INTERVAL 25 m

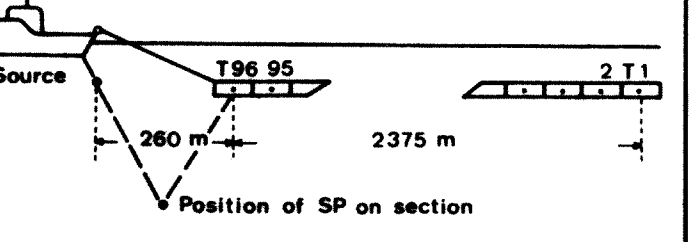
STREAMER

LENGTH 3400 m

DEPTH 18.5 m

GROUPS 66

GROUP INTERVAL 25 m



Position of SP on section

DIGITAL PROCESSING P.5
Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTEPLEX 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

MUTES 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 * 12/65 Hz

2000-5000 ms * 9/148 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 W.S.I.

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

0.5 km

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

COMPAGNIE GENERALE DE GEOPHYSIQUE

8, Rue Galvani - 91501 MASSY - FRANCE

