

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

WNW 2672

LINE G82.92

2161 ESE

BOAT MOTION

PL N°686

STACK 4800% DBS.TVF

JAN 3 83

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYEDS
SHOOTING DATE JULY 11 82

INSTRUMENTS

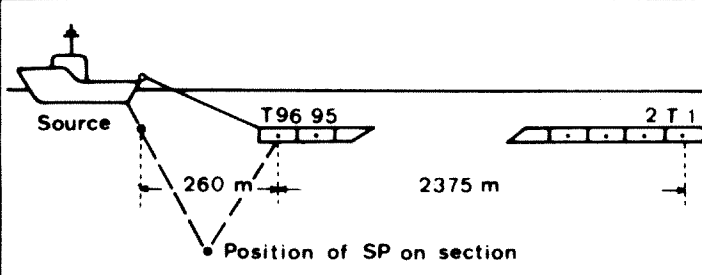
DP'S 32
FORMAT 9 tracks 1800 BPI
FILTER Low 8 Hz - high 128 Hz
SAMPLING 2 ms

SOURCE

AIRGUN ARRAY
DEPTH 6 m
CAPACITY 2000 m³
SP INTERVAL 25 m

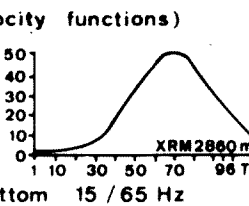
STREAMER

LENGTH 2400 m
DEPTH 16.5 m
GROUPS 96
GROUP INTERVAL 25 m


Source
260
2275 m
Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMUTIPLEX EDIT
TRACE MERGING 5/4 #
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms
MUTES
DECONVOLUTION
Operator length 200 ms
Window # 2 2000 ms
VELOCITY ANALYSIS (input every 3km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 %
SHOT AND STREAMER STATIC +15 ms
TIME VARIANT FILTER
From sea bottom 10 65 Hz
First second after first uniformity 12 65 Hz
One second after first uniformity 10 100 Hz
Three seconds 8 800 Hz
TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO MS
POLARITY
Geophone compression - negative number on field tape
= white trough on display
TIME ORIGIN: M.S.L.
Source and streamer static correction applied + 15 ms
HORIZONTAL SCALE
80 Traces/km


Velocity analysis graph showing velocity functions.

C.G.G.'s processing code 127 M6 80

 COMPAGNIE GENERALE DE GEOPHYSIQUE
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