

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SSW 761

LINE G82.96A

333 NNE

BOAT MOTION ←

PL N°658

STACK 4800%-DBS.TVF

DEC 27 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLEDIS
SHOOTING DATE JULY 17 82

INSTRUMENTS

DP5 X
FORMAT 9 tracks 1600 BPI
FILTER Low 8 Hz - High 128 Hz
SAMPLING 2 ms

SOURCE

AIRGUN ARRAY
DEPTH 6 m
CAPACITY 2000 m³
SP INTERVAL 35 m

STREAMER

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

Source
36m
2375 m
Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTIPLEX EDIT
TRACE MERGING 1/4
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms
MUTES

DECONVOLUTION
Operator Length 200 ms
Windows 2000-4000 ms
VELOCITY ANALYSIS (ANVT EVERY 3km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 %
SHOT AND STREAMER STATIC +15m

TIME VARIANT FILTER
From sea bottom 10.65 Hz
First uncertainty 12.65 Hz
One second after first uncertainty 800Hz
Two seconds = 8/35 Hz
Three seconds = 8/35 Hz

TRACE EQUALIZATION
ANALOG DISPLAY
*TIME ZERO WS

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
0.5 km

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

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