

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

WNW 3461 LINE G82.148C 4030 ESE

BOAT MOTION →

PL N°456

STACK 4800%. DBS.TVF

NOV 25 82

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL
NAVIGATION BY 511505S
SHOOTING DATE JULY 31 82

INSTRUMENTS

DFS 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 25 m

STREAMER

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

Source
264 m
2375 m
Position of SP on section

RESAMPLE TO 4 ms
DEMULTEPLEX EDIT
TRUE AMPITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms

NOTES

DECONVOLUTION
Operator length 200 ms
Windows 0-2000 ms
2000-4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3 km) V
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING → 50
STACK ADD
SHOT AND STREAMER STATIC -15 ms

TIME VARIANT FILTER
0-400 ms 12.60 Hz
400 ms 9.65 Hz
800 ms 6.45 Hz
2000-6000 ms 6.30 Hz TARGET

TRACE EQUALIZATION
ANALOG DISPLAY
TIME ZERO WB

POLARITY
Geophone compression = negative number on field tape
velocity 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

COMPAGNIE GENERALE DE GEOPHYSIQUE
8, Rue Galvani - 93501-MASSY - FRANCE

