

Party : 2903*

AGIP S.p.A.

SICILY
ZONE G

SSW 3649

LINE G82.115C

3206 NNE

BOAT MOTION ←

PL N°462

STACK 4800%-.DBS.TVF

NOV 26 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY
SHOOTING DATE JULY 20 82

INSTRUMENTS

D.F.S. V
FORMAT 9 tracks 1600 BPI
FILTER Low 8 Hz - High 128 Hz
SAMPLING 2 ms

SOURCE

AIRGUN ARRAY 6 m
DEPTH 2000 m
CAPACITY 25 m
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

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTEPLEX EDIT
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms
MUTIS
DECONVOLUTION
Operator Length 200 ms
Windows 0-2000 ms
2000-4000 ms
VELOCITY ANALYSIS (ANVIT EVERY 3km) V
NMO CORRECTIONS (Linear interpolation between velocity functions)
ONSET DEPENDENT SCALING 40
STACK 4800
SHOT AND STREAMER STATIC 15 ms
TIME VARIANT FILTER
0-400 ms 12/60 Hz
400 ms 10/45 Hz
400 ms 10/45 Hz
2000-6000 ms 6/30 Hz
TRACE EQUALIZATION
ANALOG DISPLAY
TIME ZERO WB
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

COMPAGNIE GENERALE DE GEOPHYSIQUE
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