

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

S526

LINE G82.75

950N

BOAT MOTION

→

PL N°617/2

STACK 4800%.DBS.TVF

DEC 17 82

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P.5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLEDIS
SHOOTING DATE JULY 3 82

INSTRUMENTS

DFS ☒
FORMAT 9 tracks 1600 BPI
FILTER Low 8 Hz - High 128 Hz
SAMPLING 2 ms

SOURCE

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

STREAMER

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

Source
T96.95
264 m
2375 m
Position of SP on section

RESAMPLE TO 4 ms
DEMULPLEX EDIT
TRACE MERGING 5/4 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY -51 ms
MUTES
DECONVOLUTION
Operator Length - 200 ms
Windows * 0-2000 ms
2000-4000 ms
VELOCITY ANALYSIS (ANVIT EVERY 3 km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 x
SHOT AND STREAMER STATIC -15 ms
TIME VARIANT FILTER
From sea bottom 15 / 65 Hz
First unconformity 12 / 60 Hz
One second after first unconformity 10/50 Hz
Two seconds 8/40 Hz
Three seconds 6/30 Hz
TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO WB

1000 x
0 ms
1000 ms
2000 ms

1000 x
0 ms
1000 ms
2000 ms

1000 x
0 ms
1000 ms
2000 ms

1000 x
0 ms
1000 ms
2000 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
0.5 km
80 Traces/km

CGG's processing code 127 MB 88

COMPAGNIE GÉNÉRALE DE GÉOPHYSIQUE
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