

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

NW 1930 LINE **G82.57B** 1411 SE

BOAT MOTION →

PL N°853

STACK 4800%.DBS.TVF

JAN 20.83

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY.....SYLEDOS
SHOOTING DATE.....JUNE 29.82

INSTRUMENTS

DES. X.....9 tracks 1600 BPH
FORMER.....Low 8 Hz - High 128 Hz
SAMPLING.....2 ms

SOURCE

ARGON. ARRAY.....8 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 P.5
Sequence in 4 ms

RESAMPLE TO 4 ms
SIMULTANEOUS EDIT
TRACE MERGING 5/4 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
ARGON. DELAY 51 ms
MUTES

DECONVOLUTION
Operator Length 200 ms
Windows * 2000 2000 ms
2000 4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3km) ∇
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING → 40%
STACK 4800%

SHOT AND STREAMER STATIC - 10%
Top sea bottom 15.60 Hz
First uncertainty 12.60 Hz
Two seconds 8.40 Hz
Three seconds 6.30 Hz

TIME VARIANT FILTER
One second after first uncertainty 1050 Hz
Two seconds 840 Hz
Three seconds 630 Hz

TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO WB

POLARITY
Geophone compression - negative number on field tape
white trough on display

TIME ORIGIN M 5.1
Source and streamer static correction applied - 15 ms

HORIZONTAL SCALE
.....80 Traces/km
.....0.5 km

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

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