

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SW 686

LINE G82.36

1275 NE

BOAT MOTION →

PL N°582

STACK 4800% DBS.TVF

DEC 10 82

FIELD RECORDING 4800 %
Contractor G 51

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL
NAVIGATION BY STILEDS
SHOOTING DATE JUNE 20 82

INSTRUMENTS

DPS X
FORMAT 9 Tracks 1800 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 18.5 m
GROUPS 96
GROUP INTERVAL 25 m

Source

Position of SP on section

RESAMPLE TO 4 ms
DEMULPLEX EDIT
TRACE MERGING 3/2*
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms
MUTES

DECONVOLUTION
Operator Length 200 ms
Windows 9 2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING → 80
STACK 4800%
SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER*
0-400 ms 12/60 Hz
400 ms 10/45 Hz
600 ms 9/40 Hz
2000 ms 8/40 Hz
2600-6000 ms 6/35 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

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