

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

WNW 2886

LINE G82_148 B

3153 ESE

BOAT MOTION →

PL N°446

STACK 4800%.DBS.TVF

NOV 25 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

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

INSTRUMENTS

DFS V
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
26.4 m
2375 m
Position of SP on section

* C.G.G.'s processing code 127 M6.86

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULIPIXEL EDIT
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 3Kms)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800
SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER *
0-400 ms: 12/60 Hz
900 ms: 10/45 Hz
1400 ms: 8/45 Hz
2000-6000 ms: 6/30 Hz
TARGET

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
0.5 Km
80 Traces/km

COMPAGNIE GENERALE DE GEOPHYSIQUE
6, Rue Galvani - 91301 - MASSY - FRANCE

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