

Party: 2903*

SICILY
ZONE G

SSW 3370 LINE G82.113D 3843 NNE

BOAT MOTION →

PL N°443 STACK 4800% . DBS . TVF NOV 25 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLEDIS
SHOOTING DATE AUG 1. 82

INSTRUMENTS

DFS 2
FORMAT 9 Tracks 1600 RPI
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 3.16 5 m
GROUPS 96
GROUP INTERVAL 25 m

Source 2400 m 2375 m 3.11

Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMUTIPLEX EDIT
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms

MUTES
DECONVOLUTION
Operator Length 200 ms
Window * 0-2000 ms
2000-4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3 Km)

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
800 ms 10/45 Hz
1400 ms 8/35 Hz
2000-6000 ms 8/30 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 B6

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

478