

Party: 2903

SICILY
ZONE G

NW4826 LINE **G82_67B** 5370 SE

BOAT MOTION →

PL N°823 STACK 4800%.DBS.TVF JAN 17 83

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLEDIS
SHOOTING DATE AUG 10 82

INSTRUMENTS

DPS X
FORMER 9 tracks 1600 RPI
FILTER Low 8 Hz - High 128 Hz
SAMPLING 7 ms

SOURCE

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

STREAMER

LENGTH 7400 m
DEPTH 16.5 m
GROUPS 96
GROUP INTERVAL 25 m

Source
260 m
2375 m
Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RE-SAMPLE TO 4 ms
DEMULTIPLEX 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
2000-4500 ms

VELOCITY ANALYSIS (ANUIT EVERY 3 Km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 X
SHOT AND STREAMER STATIC -10 ms
TIME VARIANT FILTER
From sea bottom 0-62 Hz
First uniformly 12-80 Hz
One second after first uniformly 1000Hz
Two seconds 800Hz
Three seconds 610Hz

TRACE EQUALIZATION
ANALOG DISPLAY
*TIME ZERO WS

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

TIME ORIGIN M.S.L.
Source and streamer static correction -15 ms

HORIZONTAL SCALE
80 Traces/km
0.5 Km

CGG's processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE
Rue Galvani 93501 MASSY (FRANCE)

