

Party: 2903'

SICILY
ZONE G

SSW 101 LINE G82-129 600 NNE

BOAT MOTION →

PL N° 254 STACK 4800% DBS TVF OCT 19 82

FIELD RECORDING 4800 %
Contractor G S I

SHIP

M/V ARCTIC SEAL
NAVIGATION BY..... SILED5
SHOOTING DATE..... MAY 26 82

INSTRUMENTS

DFS 2
FORMAT..... 9 tracks 1600 BPI
FILTER..... Low 8 Hz - High 128 Hz
SAMPLING..... 2 ms

SOURCE

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

STREAMER

LENGTH..... 2400 m
DEPTH..... 0.17 m
GROUPS..... 46
GROUP INTERVAL..... 25 m

Position of SP on section

DIGITAL PROCESSING P 5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULIPLY EDIT
TRACE MERGING 5/16
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIR GUN DELAY 51 ms
MULTIS

DECONVOLUTION
Operator Length 200 ms
Windows 2000-4000 ms
VELOCITY ANALYSIS (ANVIT EVERY 3 km)

velocity km/s

NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING

velocity km/s

STACK 4800 %
SHOT AND STREAMER STATIC +15 ms
TIME VARIANT FILTER

time ms

TRACE EQUALIZATION
ANALOG DISPLAY

* TIME ZERO WB
* FOLLOWING TARGET

POLARITY
Geophone compression: negative number on field tape
White trough on display: positive reflection coefficient

TIME ORIGIN M S L
Source and streamer static correction applied +15 ms

HORIZONTAL SCALE
80 Traces/km
0.5 km

CGG's processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE
8, Rue Galvani - 93201 - MANTY - FRANCE

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