

SICILY
ZONE G

WSW466LINEG82.87B935ENE

BOAT MOTION→

PL N°653STACK 4800%.DBS.TVFDEC 2782

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL
NAVIGATION BY.....SKYLEDIS
SHOOTING DATE.....JUNE 28 82

INSTRUMENTS

D/S X
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.....3400 m
DEPTH.....16.5 m
GROUPS.....96
GROUP INTERVAL.....25 m

Source
354 m
2375 m
Position of SP on section

RESAMPLE TO 4 ms
DEMULTEPLEX EDIT
TRACE MERGING 5/4
TRACE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms
MUTES
DECONVOLUTION
Operator Length 300 ms
Windows 0 2000 ms
2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3km)
NMO CORRECTIONS (Linear interpolation between
velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 X
SHOT AND STREAMER STATIC +10ms
From sea bottom 15 / 65 Hz
First uniformity 12 / 60 Hz
One second after first uniformity 2000 Hz
Two seconds 8 / 40 Hz
Three seconds 6 / 20 Hz

TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO WB

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

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

HORIZONTAL SCALE
80 Traces / km

* C.G.G.'s processing code 127 M6 B6

S. Ben Gharbi - 93001 - MASTY - FRANCE

