

Party: 2903*

SICILY
ZONE G

NNW 675

LINE G82.12

101 SSE

BOAT MOTION ←

PL N°706

STACK 4800%. DBS.TVF

DEC 15 82

FIELD RECORDING 4800 %
Contractor G 5.1

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL
NAVIGATION BY:..... SYLEDIS
SHOOTING DATE:..... AUG 12 82

INSTRUMENTS

DPS X
FORMAT:..... 9 tracks 1600 SPT
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:..... 98
GROUP INTERVAL:..... 25 m

Source
26.6 m
2375 m
Position of SP on section

DEMULTIPLY EDIT
TRACE MERGING 5/4 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY: 51 ms

MUTES

DECONVOLUTION
Operator Length: 200 ms
Operator: 2000 ms
Windows: 2000-4000 ms

VELOCITY ANALYSIS (ANALYT EVERY 3km)
NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING
STACK: 4800 %
SHOT AND STREAMER STATIC: 15 ms

TIME VARIANT FILTER
From sea bottom: 10-65 Hz
First discontinuity: 10-65 Hz
One second after first discontinuity: 10-65 Hz
Time: 10-65 Hz
Time: 10-65 Hz

TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO WB

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

TIME DESIGN: W 5.1
Source and streamer static correction applied: 15 ms

HORIZONTAL SCALE
80 Traces/km
0.5 km

* C.G.G.'s processing code: 127 MS 86

COMPAGNIE GENERALE DE GEOPHYSIQUE
Rue de la Gare - 93001 NOISY-LESEC (FRANCE)

