

Party : 2903'

SICILY
ZONE G

SSW 621

LINE G82.95

101 NNE

BOAT MOTION ←

PL N°644

STACK 4800%. DBS.TVF

DEC 27 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLDES
SHOOTING DATE JUL 13 82

INSTRUMENTS

DPS X
FORMAT 9 tracks 1800 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 2400 m
DEPTH > 16.5 m
GROUPS 88
GROUP INTERVAL 25 m

Source
2375 m
Position of SP on section

CGG's processing code 127 MS 86

COMPAGNIE GENERALE DE GEOPHYSIQUE
15, Rue Solvay - 93301 - MONTREUIL - FRANCE

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMUTIPLEX EDIT
TRACE MERGING 5/4 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION
Operator Length 200 ms
Window * 2000 ms
Window * 2000 ms

VELOCITY ANALYSIS (ANVT EVERY 3 km) ↓
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING → 50
STACK 4800 %
SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER
From sea bottom 15 / 65 Hz
1st second after first uncertainty 15 / 65 Hz
One second after first uncertainty 8-40 Hz
Trace seconds -

TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO MS

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 Tracks/km
0.5 km

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