

Party: 2903

AGIP S.p.A.

SICILY
ZONE G

SW 2070 LINE G82.30B 2575 NE

BOAT MOTION →

PL N°877 STACK 4800%.DBS.TVF JAN 25 83

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P.5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLEDIS
SHOOTING DATE AUG 25 82

INSTRUMENTS

D/S "Z"
FORMAT 9 tracks 1600 SPT
FILTERS low 8 Hz - high 128 Hz
SAMPLING 2 ms

SOURCE

AIRGUN ARRAY 6 m
CAPACITY 2000 cu ft
SP INTERVAL 25 m

STREAMER

LENGTH 2400 m
DEPTH 18.5 m
GROUPS 96
GROUP INTERVAL 25 m

Source
260 m
2375 m
Position of SP on section

DEMULTIPLEX EDIT
TRACE MERGING 5/4
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 21 ms
MUTES
DECONVOLUTION
Operator Length 200 ms
Windows "O" 2000 ms
"W" 2000-4000 ms
VELOCITY ANALYSIS (ANVT EVERY 3 km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 %
SHOT AND STREAMER STATIC +15 ms
TIME VARIANT FILTER
From sea bottom 15-65 Hz
First unconformity 17-60 Hz
Two seconds after first unconformity 8-40 Hz
Three seconds 6-32 Hz
TRACE EQUALIZATION
ANALOG DISPLAY
*TIME ZERO WE
POLARITY
Geophone compression = negative number on field tape
Geophone trough on display
TIME ORIGIN M.S.L.
Source and streamer static correction applied +15 ms
HORIZONTAL SCALE
50 Traces/km

CGG's processing code 127 M6 B6

COMPAGNIE GENERALE DE GEOPHYSIQUE
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