

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

NW 5285

LINE G82.65C

5034 SE

BOAT MOTION

←

PL N°741

STACK 4800%-DBS.TVF

DEC 29 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY: SYLEDIS
SHOOTING DATE: AUG 9 82

INSTRUMENTS

DFS V
FORMAT: 9 tracks 1600 BPI
FILTER: Low 8 Hz, High 128 Hz
SAMPLING: 2 ms

SOURCE

AIRGUN ARRAY
DEPTH: 6 m
CAPACITY: 2000 in.³
SP INTERVAL: 25 m

STREAMER

LENGTH: 2400 m
DEPTH: 16.5 m
GROUPS: 96
GROUP INTERVAL: 25 m

Source
260 m
2375 m
Position of SP on section

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
Windows * 0-2000 ms
2000-4000 ms

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

OFFSET DEPENDENT SCALING
STACK 4800 x
SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER
From sea bottom 15 / 60 Hz
First unconformity 12 / 60 Hz
One second after first unconformity 10/50 Hz
Two seconds 8 / 40 Hz
Three seconds 6 / 35 Hz

TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO WB

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 0.5 km
80 Traces/km

* C.G.G.s processing code 127 M6.86

COMPAGNIE GENERALE DE GEOPHYSIQUE
8, Rue Galvani - 91301 - MASSY - FRANCE

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