

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

NNW 595 LINE G82.10 101 SSE

BOAT MOTION ←

PL N°730

STACK 4800%-DBS.TVF

DEC 27 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY..... SYLEDIS
SHOOTING DATE..... AUG 16 82

INSTRUMENTS

DFS 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..... 2400 m
DEPTH..... ± 16.5 m
GROUPS..... 96
GROUP INTERVAL..... 25 m

RECONVOLUTION
Operator Length 200 ms
Windows 9 2000-6000 ms

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

OFFSET DEPENDENT SCALING $\rightarrow$ $\frac{1}{\sqrt{1 + \frac{v^2}{v_0^2}}}$

SHOT AND STREAMER STATIC -15 ms

TIME VARIANT FILTER $\rightarrow$ $\frac{1}{\sqrt{1 + \frac{v^2}{v_0^2}}}$
From see bottom 57.50 Hz
First secondary after first unconformity 1050 Hz
Two seconds 11 6.20 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
..... 80 Traces/km

CGG's processing code 127 MB 88

COMPAGNIE GENERALE DE GEOPHYSIQUE

8, Rue Galvani - 91301 MASSY - FRANCE

100 x 1000 ms

100 x 2000 ms

100 x 1000 ms

100 x 2000 ms

100 x 1000 ms

100 x 2000 ms

100 x 1000 ms

100 x 2000 ms

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