

Party : 2903*

AGIP S.p.A.

SICILY
ZONE G

S 520 LINE G82.82 101 N

BOAT MOTION ←

PL N°630

STACK 4800%. DBS.TVF

DEC 17 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY..... SYLEDIS
SHOOTING DATE..... JULY 6, 82

INSTRUMENTS

DFS X
FORMAT..... 9 tracks 1600 RPI
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

Source
28.4 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 : 2000 - 4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3km) ↓
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 %
SHOT AND STREAMER STATIC : 15 ms
From sea bottom : 15.65 Hz
First unconformity : 12.40 Hz
One second after first unconformity : 10.00 Hz
Two seconds : 8.00 Hz
Three seconds : 6.35 Hz

TIME VARIANT FILTER
TRACE EQUALIZATION
ANALOG DISPLAY
* LINE 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
..... 0.5 km

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

COMPAGNIE GENERALE DE GEOPHYSIQUE
8, Rue Galvani - 93201 - MASTY - FRANCE

