

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

NW 981

LINE G82.57

1420 SE

BOAT MOTION

→

PL N°551

STACK 4800%.DBS.TVF

NOV 30.82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP
M/V ARCTIC SEAL
NAVIGATION BY.....SYLEDIS
SHOOTING DATE.....JUNE 19.82
INSTRUMENTS
DFS II
FORMAT.....9 tracks 1600 BPI
FILTER.....Low 8 Hz - High 128 Hz
SAMPLING.....2 ms
SOURCE
AIRGUN ARRAY
DEPTH.....6 m
CAPACITY.....2000 in³
SP INTERVAL.....25 m
STREAMER
LENGTH.....2400 m
DEPTH.....16.5 m
GROUPS.....96
GROUP INTERVAL.....25 m

Source
264 m
2375 m
Position of SP on section

Sequence in 4 ms
RESAMPLE TO 4 ms
DEMUTIPLEX EDIT
TRACE MERGING 3/2*
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms
MUTES
DECONVOLUTION
Operator Length 200 ms
Stack 4800 %
Windows * 0-2000 ms
2000-4000 ms
VELOCITY ANALYSIS (ANVT EVERY 3km) ∇
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING $\rightarrow$
SHOT AND STREAMER STATIC +15ms
TIME VARIANT FILTER *
 $\left\{ \begin{array}{l} 0-400 \text{ ms } 12/60 \text{ Hz} \\ 400-800 \text{ ms } 10/45 \text{ Hz} \\ 800-1400 \text{ ms } 8/45 \text{ Hz} \\ 1400-2000 \text{ ms } 6/40 \text{ Hz} \\ 2000-2600 \text{ ms } 6/35 \text{ Hz} \end{array} \right. \text{ TARGET}$
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
0.5 km

* CGG's processing code 127. M5.86

COMPAGNIE GENERALE DE GEOPHYSIQUE
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