

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

NW546

LINE G82.71

985 SE

BOAT MOTION

→

PL N°589

STACK 4800%.DBS.TVF

DEC TO 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP
M/V ARCTIC SEAL
NAVIGATION BY..... SYLDES
SHOOTING DATE..... JUNE 21, 82

INSTRUMENTS
DFS X..... 9 tracks 1800 BP
FORMAT..... 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 m
GROUPS..... 96
GROUP INTERVAL..... 25 m

Source
264 m
2375 m
Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMUTIPLEX EDIT
TRACE MERGING 3/3*
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 (NAVIT EVERY 3km) ∇
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING → 50
STACK 4800 %
SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER *
0-400 ms 12/60 Hz
900 ms 10/45 Hz
1400 ms 8/45 Hz
2000 ms 6/40 Hz
2600-6000ms 6/35 Hz
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. M6.86

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

