

Party: 2903\*

AGIP S.p.A.

SICILY  
ZONE G

SSW 744  
1090

LINE G82-131

590 NNE  
829

BOAT MOTION ←

PL N°269

STACK 4800% DBS.TVF

OCT 22 '82

FIELD RECORDING 4800 %  
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL  
NAVIGATION BY SYLEDIS  
SHOOTING DATE MAY 26 '82

INSTRUMENTS

DYS 2  
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

Source  
260 m  
2375 m  
Position of SP on section

DIGITAL PROCESSING P-5  
Sequence in 4 ms

RESAMPLE TO 4 ms  
DEMULTIPLEX EDIT  
TRACE MERGING 5/4  
TRUE AMPLITUDE RECOVERY  
SPHERICAL DIVERGENCE COMPENSATION  
AIR GUN DELAY 51 ms

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 %  
SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER  
0-1000 ms \*\* 12.65 Hz  
2000-5000 ms \*\* 9.48 Hz

TRACE EQUALIZATION  
ANALOG DISPLAY

\* TIME ZERO WB  
\* FOLLOWING TARGET

POLARITY  
Geophone compression - negative number on field tape  
White trough on display - positive reflection coefficient

TIME ORIGIN M.S.L.  
Source and streamer static correction applied +15 ms

HORIZONTAL SCALE  
80 Traces/km  
0.5 Km

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

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

544