

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

WSW 1751

LINE G82.148

1201 ENE

BOAT MOTION ←

PL N°454

STACK 4800%..DBS.TVF

NOV 25 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SKLEDS
SHOOTING DATE JULY 21 82

INSTRUMENTS

DPS 'X'
FORMAT 9 Tracks 1800 BPI
FILTER Low 8 Hz., High 128 Hz
SAMPLING 2 ms

SOURCE

AIRGUN ARRAY 9 m
DEPTH 2000 m
SP INTERVAL 25 m

STREAMER

LENGTH 2400 m
DEPTH ≥ 16.5 m
GROUPS 96
GROUP INTERVAL 15 m

Source

264 m

2375 m

Position of SP on section

DIGITAL PROCESSING P.5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTIPLY EDIT
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 (ANVIT EVERY 3km) ▽
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING → 90°
STACK 4800 Hz
SWEET AND STREAMER STATIC +10ms
TIME VARIANT FILTER*
0-400 ms 12/60 Hz
400 ms 10/42 Hz TARGET
400 ms 8/45 Hz
2000-6000 ms 5/30 Hz

TRACE EQUALIZATION
ANALOG DISPLAY
*TIME ZERO WB

POLARITY
Geophone compression = negative number on field tape
white trough on display

TIME ORIGIN M 5 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
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