

Party: 2903

AGIP S.p.A.

SICILY
ZONE G

NW 2530 LINE G82.65B 1978 SE

BOAT MOTION ←

PL N°936

STACK 4800%. DBS.TVF

FEB 9 83

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SHLEDS
SHOOTING DATE AUG 8 82

INSTRUMENTS

DPS 12
FORMAT 9 tracks 1800 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 18.5 m
GROUPS 96
GROUP INTERVAL 25 m

Diagram of streamer and source

Source 2275 m
Direction of SP on section

CGG % processing code 137 M6 86

COMPAGNIE GENERALE DE RECHERCHES

8, Rue Galvani 91301, MASSY, FRANCE

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMUTIPLEX EDT
TRACE MERGING 5/4
TIME AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms

MUTEX

DECONVOLUTION
Operator Length 200 ms
Windows # 0 2000 ms
2000/4000 ms

VELOCITY ANALYSIS (ENVT EVERY 3km)
NMO CORRECTIONS: Linear interpolation between velocity functions
OFFSET DEPENDENT SCALING
STACK 4800 x
SHOT AND STREAMER STATIC +15 ms
TIME VARIANT FILTER
From sea bottom 15/85 Hz
Peak uncorrelated 12/80 Hz
Two seconds
Three seconds
8/40 Hz
6/10 Hz

TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO WB

POLARITY
Geophone compression negative number on field tape
Seismic trace on display

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

HORIZONTAL SCALE
80 Traces/km

AGIP SICILY ZONE G

Scale 1:50,000

Lines 1978

Time (ms): 0, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000, 6100, 6200, 6300, 6400, 6500, 6600, 6700, 6800, 6900, 7000

Distance (km): 2530, 2500, 2450, 2400, 2350, 2300, 2250, 2200, 2150, 2100, 2050, 2000, 1978

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1 FILE

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