

SICILY
ZONE G

WSW1165

LINE G82.88

636ENE

BOAT MOTION

PL N°692

STACK 4800% DBS.TVF

JAN 7.83

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

W/V ARCTIC SEAL
NAVIGATION BY.....STLEDS
SHOOTING DATE.....LINE 28.82

INSTRUMENTS

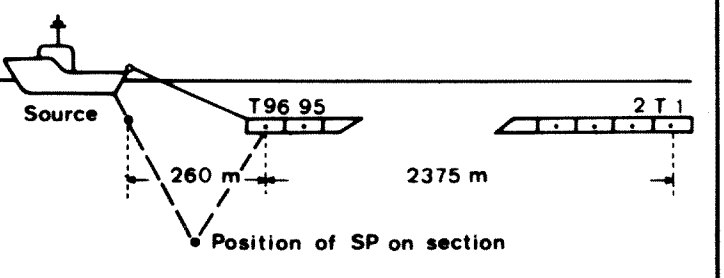
DPS %
FORMAT.....9 tracks 1800 BPI
FILTER.....Low 8 Hz - High 128 Hz
SAMPLING.....2 ms

SOURCE

AIRGUN ARRAY
DEPTH.....6 m
CAPACITY.....2000 m³
SP INTERVAL.....25 m

STREAMER

LENGTH.....2400 m
DEPTH.....≥ 16.5 m
GROUPS.....96
GROUP INTERVAL.....25 m


Position of SP on section

DIGITAL PROCESSING P.5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMAMPLIFY EDIT
TRACE WIDENING 5/4 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms

MUTES
DECONVOLUTION
Operator Length 200 ms
Window * 2000-2000 ms
Window * 2000-2000 ms

VELOCITY ANALYSIS (ANVT 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
First uncertainty 12/60 Hz
One second after first uncertainty 8/40 Hz
Three seconds 5

TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO, MS

POLARITY
Geophone compression (negative number on field tape
= noise trough on display)

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

HORIZONTAL SCALE
.....90 Traces/km
.....0.9 km

* C.G.G.'s processing code 127-M8-86

 COMPAGNIE GENERALE DE GEOPHYSIQUE
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