

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SSW 2765

LINE G82.115C

2323 NNE

BOAT MOTION ←

PL N°460

STACK 4800%.DBS.TVF

NOV 26 82

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLEDIS
SHOOTING DATE JULY 20 82

INSTRUMENTS

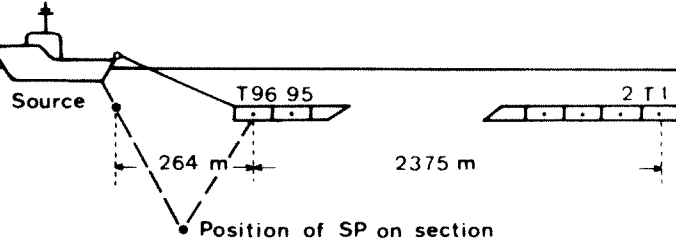
DPS V
FORMAT 9 tracks 1600 BPI
FILTER Low B Hz., High 128 Hz
SAMPLING 2 ms

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



RESAMPLE TO 4 ms
DEMULTEPLEX EDIT
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms

NOTES
DECONVOLUTION
Operator Length 200 ms
Windows* 0 2000 ms
2000 4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3 km) ▽
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
800 ms 10/45 Hz
1400 ms 8/45 Hz
2000-6000 ms 6/30 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 + 10 ms

HORIZONTAL SCALE
80 Traces/km
0.5 km

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

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

492