

Party: 2903'

AGIP S.p.A.

SICILY
ZONE G

WNW4619

LINE G82.142

5184ESE

BOAT MOTION →

PL N°293

STACK 4800%.DBS.TVF

NOV 4 82

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P.5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLEDS
SHOOTING DATE JUNE 3 82

INSTRUMENTS

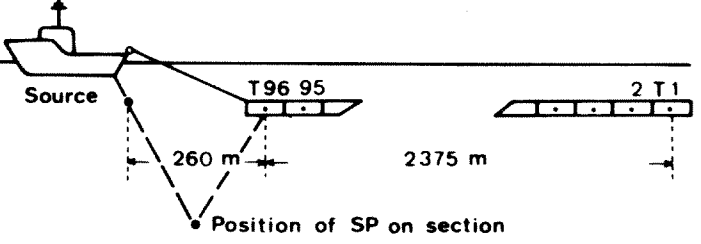
D.T.S. 2
FORMAT 9 tracks 1600 BPH
FILTER Low 8 Hz - High 128 Hz
SAMPLING 7 ms

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



Source
266.4
186.95
2375 m

RE-SAMPLE TO 4 ms
DEMULTEX-EDIT
TRACE MERGING 5/4 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms
MUTES

DECONVOLUTION
Operator Length 200 ms
Windows * 200-2000 ms
2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING → 30
STACK 4800 %
SHOT AND STREAMER STATIC +15 ms
TIME VARIANT FILTER 0-1000 ms * 12 / 65 Hz
2000-5000 ms * 9 / 68 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
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