

Party: 2903⁺

AGIP S.p.A.

SICILY
ZONE G

WNW 3705 LINE G82.144 4304 ESE

BOAT MOTION →

PL N°322

STACK 4800%.DBS.TVF

NOV 4.82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY.....SYLDES
SHOOTING DATE.....JUNE 6.82

INSTRUMENTS

DFS X.....
FORMAT.....9 tracks 1600 BPI
FILTER.....Low 8 Hz - High 128 Hz
SAMPLING.....2 ms

SOURCE

AIRGUN ARRAY.....6 m
DEPTH.....2000 m
CAPACITY.....2000 µl
SP INTERVAL.....15 m

STREAMER

LENGTH.....2400 m
DEPTH.....±16.5 m
GROUPS.....96
GROUP INTERVAL.....15 m

Source

196.95

2375 m

Position of SP on section

DIGITAL PROCESSING P.5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTEPLEX EDIT
TRACE MIRRORING 1/4
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIR GUN DELAY 51 ms
MUTES

DECONVOLUTION
Operator Length: 200 ms
Window *.....2-2000 ms
S-2-4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3 km) ↓
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 %
SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER { 0-1000 ms * 12/63 Hz
2000-3000 ms * 9/48 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

* C.G.G.'s processing code 127 M6 B6

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