

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

NW 1031

LINE G82.62

1495 SE

BOAT MOTION →

PL N°566

STACK 4800% DBS.TVF

DEC 6 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLEDIS
SHOOTING DATE JUNE 18. 82

INSTRUMENTS

DFS 32
FORMAT 9 tracks 1600 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 ≥ 17 m
GROUPS 88
GROUP INTERVAL 25 m

Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMUTIPLEX EDIT
TRACE MERGING 3/2*
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms

MUTES

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

VELOCITY ANALYSIS (ANVIT EVERY 3km) ↓
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING → 90°
STACK 4800 %
SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER *
0-400 ms 12/60 Hz
900 ms 10/45 Hz
1400 ms 8/45 Hz
2000 ms 8/40 Hz
2600-6000 ms 6/35 Hz

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 + 15 ms

HORIZONTAL SCALE
80 Traces/km
0.5 Km

259