

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

NW1496

LINE G82_62

1961 SE

BOAT MOTION

→

PL N°567

STACK 4800%-DBS.TVF

DEC 6 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: JUNE 18.82

INSTRUMENTS

DFS X

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: 17 m

GROUPS: 96

GROUP INTERVAL: 25 m

Diagram of source position on section

RESAMPLE TO 4 ms

DEMULPLEX EDIT

TRACE MERGING 3/2

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Window * 0-2000 ms

2000-4000 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 *

0-400 ms 12/60 Hz

900 ms 10/45 Hz

1400 ms 8/40 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

0.5 km

80 Traces/km

* C.G.G.'s processing code 127-M5-86

COMPAGNIE GENERALE DE GEOPHYSIQUE

2, Rue Geivani - 91301-MASSY - FRANCE

