

Party: 2903

AGIP S.p.A.

SICILY
ZONE G

SSW 1246

LINE G82.117A

1780 NNE

BOAT MOTION

PL N°233

STACK 4800% DBS.TVF

OCT 15 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.....MAY 31 82

INSTRUMENTS

DPS 2

FORMAT.....9 tracks 1600 RPI

FILTER.....Low 8 Hz - High 128 Hz

SAMPLING.....2 ms

SOURCE

ARGUN ARRAY

DEPTH.....5 m

CAPACITY.....2000 m³

SP INTERVAL.....25 m

STREAMER

LENGTH.....2400 m

DEPTH.....± 16.5 m

GROUPS.....48

GROUP INTERVAL.....25 m

Diagram of ship and streamer position

RESAMPLE TO 4 ms

DEMULPLEX EDIT

TRACE MERGING 5/4

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIR GUN DELAY 51 ms

MUTES

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

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER 1200-10000 ms * 12.65 Hz

2000-5000 ms * 9.18 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 M.6.86

COMPAGNIE GENERALE DE GEOPHYSIQUE

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