

Party: 2903'

AGIP S.p.A.

SICILY
ZONE G

SW 101

LINE G82.18

520 NE

BOAT MOTION

→

PL N°810

STACK 4800%. DBS.TVF

JAN 17 83

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

NIV ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE AUG 19 82

INSTRUMENTS

DPS II

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 16.5 m

GROUPS 96

GROUP INTERVAL 25 m

Diagram of source and streamer layout with dimensions: 2400 m, 2375 m, 16.5 m.

DECONVOLUTION

Operator Length 2000 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 X

SHOT AND STREAMER STATIC +15 ms

From sea bottom 10 30 50 90 99

First unconformity 10 30 50 90 99

Time variant filter One second after first unconformity 10 30 50 90 99

Two seconds 10 30 50 90 99

Three seconds 10 30 50 90 99

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

* C.G.G.s processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

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