

Party: 2903*

AGIP S.p.A.

SICILY

ZONE G

SSW 101

LINE G82.112

710 NNE

BOAT MOTION

PL N° 220

STACK 4800% DBS .TVF

OCT 13 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 JUNE 2 82

INSTRUMENTS

DPS 3

FORMAT 9 tracks 1600 BPI

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY 6 m

DEPTH 2000 m

CAPACITY 25 m

SP INTERVAL 25 m

STREAMER

LENGTH 2400 m

DEPTH 16.5 m

GROUPS 96

GROUP INTERVAL 25 m

Diagram of source and streamer positions on section

Source 2375 m

Streamers 260 m

Position of SP on section

RESAMPLE TO 4 ms

DEMULTEPLEX EDIT

TRACE MERGING 5/6*

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIR GUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Window 2000-2000 ms

2000-2000 ms

VELOCITY ANALYSIS (ANVIT EVERY 2km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC 15 ms

TIME VARIANT FILTER 0-1000 Hz

TRACE EQUALIZATION 12/60 Hz

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

0.5 km

* CGO's processing code 127 WB 88

COMPAGNIE GENERALE DE GEOPHYSIQUE

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