

Party: 2903

AGIP S.p.A.

SICILY

ZONE G

SSW 720

LINE G82.139

101 NNE

BOAT MOTION

PL N°248

STACK 4800%.DBS.TVF

OCT 18 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 25 82

INSTRUMENTS

DPS X

FORMAT: 9 tracks 1600 BPI

FILTER: Low 8 Hz - High 128 Hz

SAMPLING: 2 ms

SOURCE

AIRGUN ARRAY

DEPTH: 6 m

CAPACITY: 2000 up

SP INTERVAL: 25 m

STREAMER

LENGTH: 2400 m

DEPTH: 16.5 m

GROUPS: 96

GROUP INTERVAL: 25 m

Diagram of source and streamer position on section

RESAMPLE TO 4 ms

DEMULTIPLEX 1:0:1

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 (ANVIT EVERY 3 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK: 4800 %

SHOT AND STREAMER STATIC: +15 ms

TIME VARIANT FILTER

0-1000 ms: 8 Hz

1000-5000 ms: 9/48 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

0.5 km

80 Traces/km

C.G.G.'s processing code 127 MR 86

COMPAGNIE GENERALE DE REPRODUCTION

5, Rue Goltzen - 91001 MASSY - FRANCE

