

Party : 2903*

AGIP S.p.A.

SICILY

ZONE G

NW 1155

LINE G82.59

626 SE

BOAT MOTION

PL N°542

STACK 4800% DBS.TVF

NOV 29 82

FIELD RECORDING 4800 %

Contractor G.S.I.

DIGITAL PROCESSING P.5

Sequence in 4 ms

SHIP

NW ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE JUNE 19 82

INSTRUMENTS

DPS 5

FORMAT 9 tracks 1600 BPI

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

DEPTH 6 m

CAPACITY 2000 in³

SP INTERVAL 25 m

STREAMER

LENGTH 2400 m

DEPTH 9.17 m

GROUPS 96

GROUP INTERVAL 25 m

Diagram of streamer position on section

RESAMPLE TO 4 ms

DEMUTIPLEX 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 (ANVIT EVERY 3km)

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

400-600 ms 10/40 Hz

600-800 ms 8/40 Hz

800-1000 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

80 Traces/km

0.5 Km

* C.G.G.'s processing code 127. ME 88

COMPAGNIE GENERALE DE GEOPHYSIQUE

1, Rue Galvani - 93201 - MARSY - FRANCE

