

Party: 2903

AGIP S.p.A.

SICILY

ZONE G

WNW 2213

LINE G82.147

2739 ESE

BOAT MOTION

PL N° 327

STACK 4800%.DBS.TVF

NOV 4 '82

FIELD RECORDING 4800 %

Contractor G.S.I.

DIGITAL PROCESSING P 5

Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY

SHOOTING DATE JUNE 9 '82

INSTRUMENTS

DPS X

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 positions

RESAMPLE TO 4 ms

DEMULTEX 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

0-1000 ms * 12/48 Hz

2000-5000 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

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

0.5 km

80 Traces/km

CGG's processing code 127 M6 B6

COMPAGNIE GENERALE DE GEOPHYSIQUE

6, Rue Galvani - 91301 MASSY - FRANCE

