

Party: 2903

AGIP S.p.A.

SICILY

ZONE G

SSW 2170

LINE G82.123

1645 NNE

BOAT MOTION

PL N°266

STACK 4800%.DBS.TVF

OCT 22 82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEIDS

SHOOTING DATE MAY 28 82

INSTRUMENTS

D/S X

FORMAT 9 tracks 1600 BPI

FILTER Low B 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 316.5 m

GROUPS 96

GROUP INTERVAL 25 m

Source

260 m

2375 m

Position of SP on section

DIGITAL PROCESSING P 5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMUTIPLEX 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

4000-4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3km)

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 65 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 L

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

0.5 Km

80 Traces/km

* C.G.G.'s processing code 127 M6 B6

COMPAGNIE GENERALE DE GEOPHYSIQUE

8, Rue Galvani - 91201 - MASSY - FRANCE

