

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

NW 1401

LINE G82.60A

1915 SE

BOAT MOTION

→

PL N°602

STACK 4800%.DBS.TVF

DEC 27 '82

FIELD RECORDING 4800 %
Contractor G S I

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY STILEDIS

SHOOTING DATE JUNE 19 '82

INSTRUMENTS

DP5 X

FORMAT 9 tracks 1600 BPH

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 16.5 m

GROUPS 96

GROUP INTERVAL 25 m

Diagram of source and streamer positions

RESAMPLE TO 4 ms

DEMATELPEX EDIT

TRACE MERGING 1/2*

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MULTIS

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 +15ms

TIME VARIANT FILTER *

0-400 ms 12/80 Hz

800 ms 10/45 Hz

1600 ms 8/45 Hz

2000 ms 8/45 Hz

2600-8000ms 6/25 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

K-TIME ZERO WB

POLARITY

Geophone compression = negative number on field tape

Channel trough on display

TIME ORIGIN M.S.L.

Source and streamer static correction +15 ms

HORIZONTAL SCALE

0.5 km

80 Traces/km

* CGO's processing code 127, M6, 88

COMPAGNIE GENERALE DE GEOPHYSIQUE

s. Rue Gohaut - 91001 MASSY - FRANCE

